

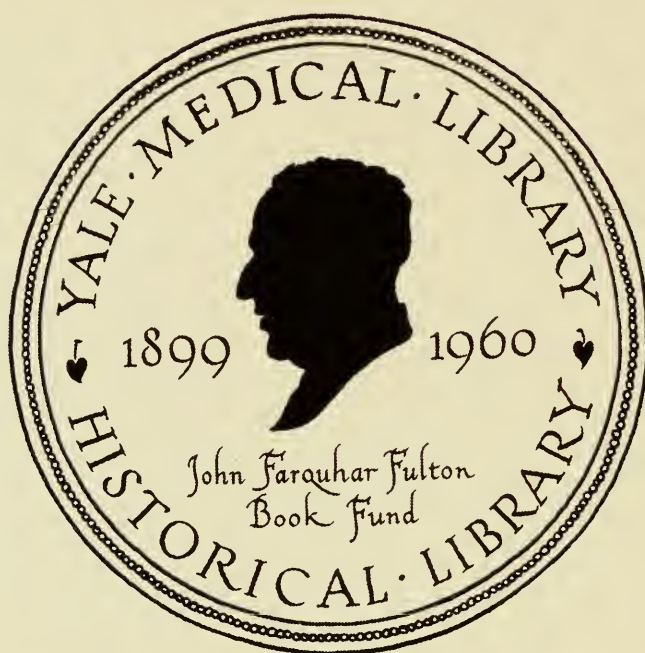
THE LIGHTNING DOCTOR

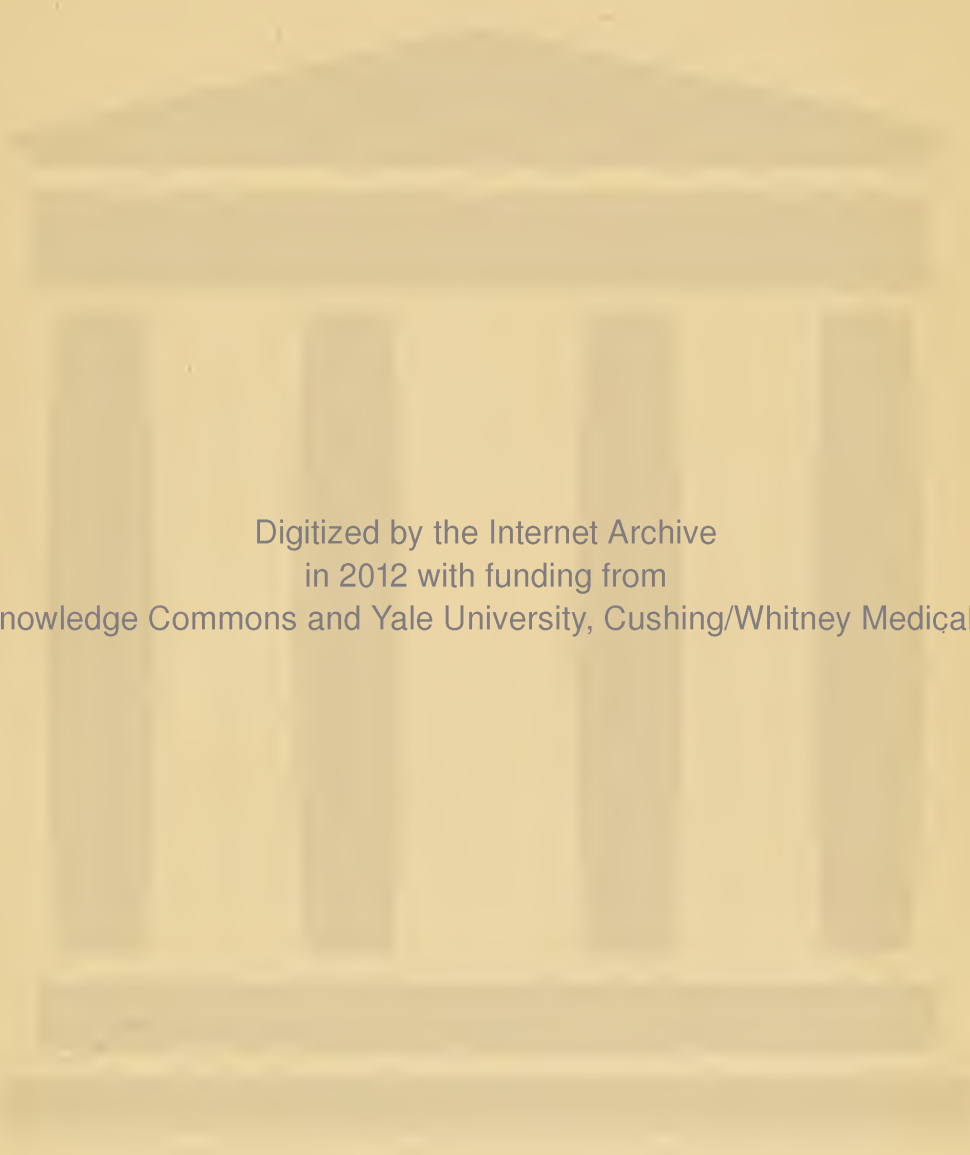
PRICE

\$3.00

NET

A
SELF-DIAGNOSTICIAN
AND PRACTICAL
DOCTOR BOOK





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THE LIGHTNING DOCTOR

A
SELF-DIAGNOSTICIAN AND
PRACTICAL DOCTOR BOOK

FOR
PRIVATE FAMILIES, STUDENTS, and PHYSICIANS

BY
Benjamin Franklin Weaver, M. D.

Author and publisher of: "Woman's Guide to Health," "A Key to Unlock Hidden Mysteries,"
"Disease Chart," "A Treatise on Venereal Diseases," "Dr. Weaver's New Illustrated
Family Atlas of Human Diseases," "Little Gems for Women and Children,"
"Physical Atlas; or Practical Family Doctor Book," etc., etc.

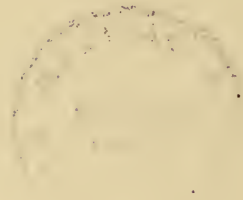
WITH
THIRTY-TWO ILLUSTRATIONS
[FOUR ETCHINGS AND TWENTY-EIGHT PHOTO-ENGRAVINGS FROM LIFE]
AND 1,554 MODERN AND UP-TO-DATE RECIPES
For Treating both General and Special Diseases of Men, Women, and
Children.



NEW YORK AKRON, OHIO CHICAGO
THE SAALFIELD PUBLISHING COMPANY

1905

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SUBJECTIVE SYMPTOMS.

PAINS AND ACHES.

THE subjective symptoms which are considered in this work comprise pain, tenderness, and a lack of sensitiveness.

Pain varies in intensity from sharp or acute to dull or aching pain. It may be radiating, darting from its point of origin along the branches of a nerve trunk; periodical, coming and going; or shifting, moving from one locality to another; or possess the character indicated by the term gnawing or colicky pain. It may be increased by motion or relieved by pressure.

Acute pain is characteristic of acute inflammation, as in pleurisy or joint inflammations. Acute radiating pain marks the nerve pain due to inflammation or pressure.

Dull pain, like that of a bruise, usually attends inflammation.

Shifting pain, more or less sharp, occurs in connection with rheumatism, hysteria, locomotor ataxia (disease of spinal cord) and trichinosis (a disease induced by eating the raw or undercooked flesh of swine).

Pain of a gnawing or boring character is encountered in diseases of the spinal column, chest, and abdominal distention (bloating), periostitis (inflammation of the membrane or covering of bone), cancer of stomach, and sometimes in gout.

Cramp is a sudden and painful spasm of certain muscles or group of muscles.

Other qualifying terms which are employed to indicate the character of pain are: burning, aching, throbbing or pulsating with the heart beat. Tenesmic pain is that which attends urination or a movement of the bowels from an inflamed bladder or rectum, or expulsion of membrane or clots of blood from the womb, accompanied with a sensation of straining or bearing down. The adjectives stabbing, darting, lancinating are equivalent to sudden, sharp, and acute radiating pain.

As a general rule, the seat of pain corresponds to the location of its cause. In certain cases, however, the pain is reflex, or more properly, transferred, the pain being located at the furthest termination of a nerve.

Even though the pain caused is not intense, a source of irritation may exist at one point and be felt at another widely separated from the actual seat of disturbance. In all such cases the sensation is in reality a transferred pain, and strictly speaking can not be termed reflex. The pain sometimes felt in the breasts in disease of the womb, or the pain felt on the inside of the leg at the knee in disease of the hip-joint are illustrations of this fact.

Pain or aching, general in its distribution, is found to exist in the majority of fevers, especially during their first stages. This aching results, as a rule, from the action of poison or impurities in the blood on the nervous system.

WEIGHTS AND MEASURES.

One teaspoonful.....	60 minims or drops
One dessertspoonful.....	120 drops
One tablespoonful.....	240 drops
One teaspoonful.....	1 drachm
One tablespoonful.....	$\frac{1}{2}$ ounce
Twenty grains, minims, or drops.....	1 scruple
Three scruples.....	1 drachm
Eight drachms.....	1 ounce
Sixteen ounces.....	1 pint or pound

PROPORTIONATE DOSE FOR CHILDREN.

WHERE teaspoonful doses are prescribed for adults, the proportionate dose from the same bottle for children is as follows:

6 months.....	3 to 5 drops.	11 years.....	33 drops.
1 year.....	5 to 7 drops.	12 “	36 “
2 years.....	9 drops.	13 “	39 “
3 “	11 “	14 “	42 “
4 “	13 “	15 “	44 “
5 “	15 “	16 “	47 “
6 “	18 “	17 “	50 “
7 “	21 “	18 “	52 “
8 “	24 “	19 “	55 “
9 “	27 “	20 “	58 “
10 “	30 “	21 “	60 “

In prescribing medicines, either for adults or children, it should always be remembered that females and delicate persons require smaller doses than males or robust persons, and that when giving a child medicine from a bottle prepared for adults, it should be diluted with water and a little sugar added to sweeten.

ALIMENTARY AND INTESTINAL CANAL.

EXPLANATION AND HYGIENIC TREATMENT.

THE accompanying engraving shows the alimentary and intestinal canal and locates the most important places or points.

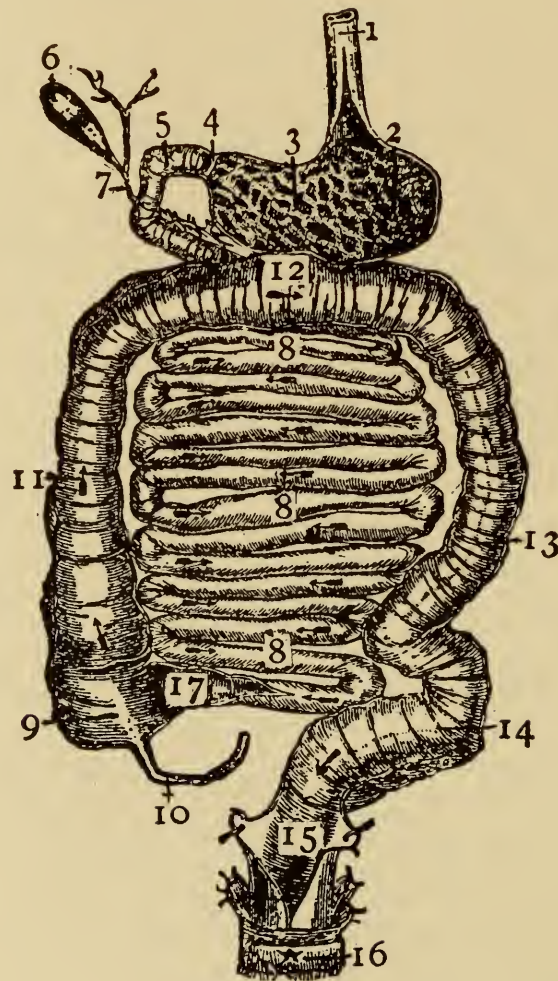


Fig. 1.

1. Esophagus. 2. Cardiac Orifice. 3. Stomach.
4. Pylorus, where food passes into the duodenum.
5. Duodenum or second stomach. At this point the

(x)

bile from the gall bladder empties into the alimentary canal, and without which, food can not be assimilated or properly prepared for the system.

6. Gall Bladder.

7. Gall Duct.

8, 8, 8. Small Intestines.

9. The lower and enlarged pouch of Colon (cæcum).

10. Vermiform Appendix (worm shaped). This singular organ seems to have no useful or necessary office in our anatomical structure, but on the contrary is often the cause of death from hardened fæces, or by hard bodies, such as cherry stones, grapeseed, peanuts, or other hard substances becoming wedged in it. It is one of the greatest mysteries of the human anatomy, and when affected by inflammation it receives the name of ap-pen-di-ci'tis. The symptoms of this terrible affection are enlargement and pain just above the right groin and below the right kidney (see engraving or Fig. 14). The external treatment for appendicitis is No. 21, and the internal treatment is by rectum, by using No. 281. Treatment should be commenced at once and followed up until all obstructions are removed. Injections should be made while resting on the right side or back, and retained for several minutes. This treatment may not only save the life of the patient, but will make any cutting with the knife absolutely unnecessary.

11. Ascending portion of Colon.

12. Transverse section of Colon.

13. Descending Colon.

14. Sigmoid flexure or complicated bend in the Colon. This is the citadel of constipation, and the fortification where it does so much harm to the human organism. When constipated the liquids that should pass out with the fecal matter are reabsorbed by the system and carried direct to the liver. This demands of that organ a greater work to perform than nature has designed,

hence it becomes sluggish and the system is then soon filled with bile and impurities. This absorption leads to a great many symptoms; impoverished blood, sallowness, furred tongue, foul breath, white of eyes turn yellow, and in excessive cases irregular heart action, dizziness, headache, piles, fistula, gravel, diabetes, and all forms of kidney, liver, stomach, and intestinal trouble. An over distended cæcum, or sigmoid flexure may produce dropsy, numbness, or cramps in lower extremity, and many other ailments. All these may be cured by using No. 33. If this treatment were used periodically, beginning early in life, the above troubles would be ruled out of the list of ailments, as their cause would forever be removed.

15. Rectum.

16. Anus.

17. Ileo cæcal valve. This organ allows the contents of the small intestine to pass freely through at 9, but prevents their return.

DR. WILFORD HALL.



THE LIGHTNING DOCTOR

No. 1.

HABITUAL CONSTIPATION.

CAUSE :

Constipation is produced by various causes. It may be brought about by the peculiar nature of the diet; a deficiency or faulty composition of intestinal secretions; diseased intestinal glands; impaired nervous influences, or exposure to certain poisons. It may occur from a negligence to attend to the calls of nature, or from sedentary habits; it may be joined to affections of the liver or stomach, or diseases of the rectum, as that of hemorrhoids or piles, and fissures, which may induce contractions of the sphincter ani muscles and cause an obstruction to a movement of the bowels; or in women, the obstruction may be due to a displaced womb, resting upon the rectum. In either of the two latter conditions the obstruction must be removed. The first, by dilating the rectum, which is done with a rectal dilator, and the assistance of a physician. The latter, by replacing the womb, which can be done by following the instructions given at Figs. 31 and 32.

TREATMENT :

When due to other causes and the patient is a

delicate person with feeble digestive organs, use the following:

R _y	Ext. Cascara Sagrada.....	40 grains
	Ext. Nux Vomica.....	5 grains
	Ext. Belladonna.....	$3\frac{2}{3}$ grains
	Pulv. Rhei.....	10 grains

M. For 20 tabloids. Sig.—One tabloid after food once a day ; gradually increase daily, if necessary, until two tabloids are taken three times daily. This dose should be maintained until the habit of regular

PAIN.

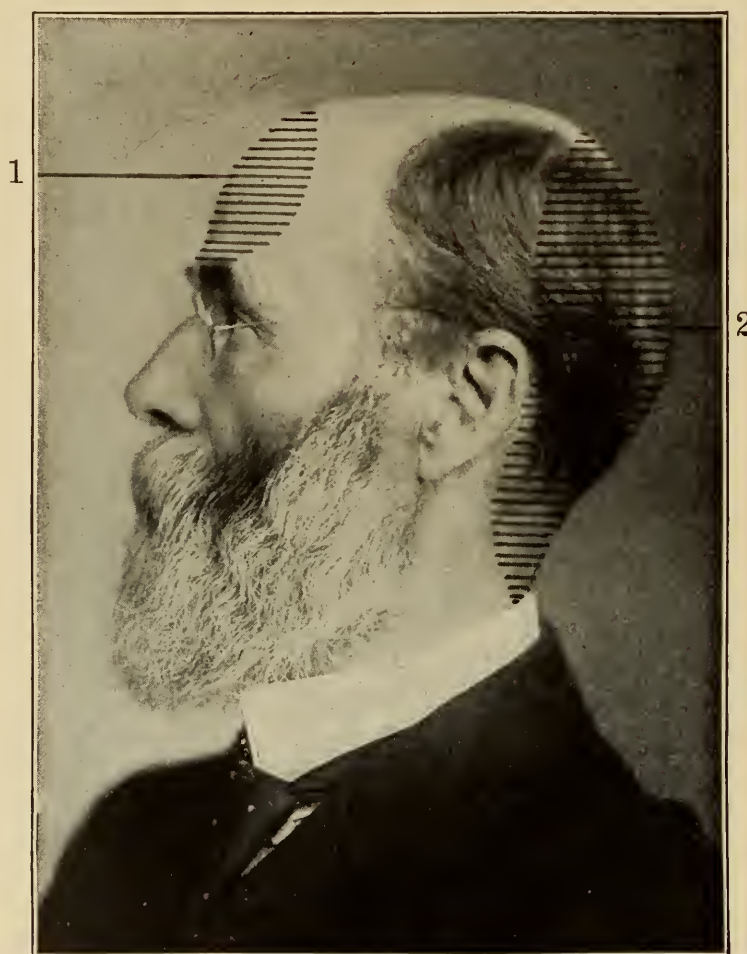


Fig. 2.

1. Frontal headache. If constipated use first recipe in No. 14. If not constipated use the second.

2. Torpid liver. Use recipe for head pain **d.**, No. 14.

action is established, when the number should be gradually reduced and at length discontinued. Remedy the lack of fluids in the body by giving an abundance of water, either hot or cold.—CUTTER.

If the case is that of a strong, robust person, use this formula :

R $\bar{y}$	Corrosive Sublimate.....	1½ grains
	Sulph. of Strychnine.....	1 grain
	Aquæ Dest.....	1 ounce
	Fl. Ext. of Cascara Sagrada.....	4 ounces
	Glycerin, to make.....	8 ounces

M. Sig.—From one-half to a small teaspoonful, two or three times a day, to maintain one action from the bowels each day. The patient should find the smallest dose necessary to produce one healthy stool each day and then continue this for some time. A certain time in each day must be selected for the evacuation of the bowels.

— FISHER.

HOMŒOPATHIC TREATMENT :

Nux Vomica 3x trituration. Ten grains every three hours.

Indications—Habitual constipation of large difficult stools, with frequent urging or calls to go to stools, but not able to defecate.

Hydrastis Canadensis 2x dilution. Five drops to be taken three times a day.

Indications—Constipation of long standing which has been aggravated by cathartic medicines; in persons who are weak and enfeebled; the complexion sallow; the tongue foul; pain in lower bowel and rectum.

Collinsonia Canadensis 2x dilution. Five drops every three hours.

Indications—Constipation, stools lumpy and light-colored, with straining, and dull pain in rectum.

No. 2.

ACUTE DIARRHŒA.

DIARRHŒA.—A purging, looseness, or too frequent passing of fæces. A frequent and profuse discharge of loose or fluid evacuations, without tenesmus. It is divided into two forms, acute, or occasional, and chronic diarrhœa.

TREATMENT:

R̄	Sodium Bicarbonate.....	1 drachm
	Aromatic Spirits Ammonia.....	3 drachms
	Tinct. Cardamom Comp.....	6 drachms
	Aquæ Cinnamon.....	6 ounces

M. Sig.—One or two tablespoonfuls every two or three hours. Food should consist of milk, rice, fine flour puddings and bread, toast, eggs, crackers, and cheese; dried meats and fish in small quantities should be given instead of fresh meat, fish, and vegetables.—YEO.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Two drops every half hour.

Indications—First stages of bowel disease; stools watery, dark-colored, slimy mucus; bloody, small, and frequent; after sudden cold changes of temperature; great thirst, want to drink large quantities of water at one time.

Colocynthis, 3x dilution. Three drops every half hour.

Indications—Frequent urging to stools; severe colicky pains, mostly around the navel, has to bend double, being worse in any other position; diarrhœa renewed each time after taking food or drink.

Mercurius Corrosivus, 3x trituration, five grains every two hours.

Indications—Very distressing, persistent tenesmus and cutting, colicky pains after stools, burning and tenesmus of rectum and bladder; stools frequent, scanty, nothing but mucus tinged with blood.

No. 3.

CHRONIC DIARRHŒA.

TREATMENT:

R̄ Salicin 2 drachms
 Pulv. Ipecac.....12 grains
 Pulv. Doveri.....24 grains

M. For 12 capsules. Sig.—One every four or six hours.—WEST.

Or:

R̄ Fl. Ext. Coto Bark.....3 drachms
 Liq. Potass. Arsenitis.....16 drops
 Syr. Rhei Aromatic, to make.....2 ounces

M. Sig.—One teaspoonful three or four times a day in one-fourth glass of water.—CHICAGO CLINIC.

Or:

R̄ Alum.....1 drachm
 Ext. Opium.....10 grains
 Catechu.....1 drachm

M. For 20 pills. Sig.—Take two pills every two to four hours.—BARTHOLOW.

HOMŒOPATHIC TREATMENT:

Sulphur, 6x trituration. Five grains every three hours.

Indications—The symptom which yields to its action is a painless diarrhœa aggravated in the early morning, usually driving patient out of bed.

Calcarea Carbonica, 3x trituration. Five grains before each meal.

Indications—This remedy is useful in the chronic diarrhœas of some young subjects who tend to fatness and are troubled with local sweats, a big abdomen, and irritable stomach with sour vomiting.

Copious, watery, sour-smelling diarrhœa is the surest indication for this remedy.

No. 4.

ACUTE DYSENTERY.

DYSENTERY—"DIFFICULT," OR "PAINFUL."—A diarrhœa marked by much griping, tenesmus (to "stretch," or "strain." A constant desire to go to stool, with painful straining), and stools consisting chiefly of mucus filled with blood.

TREATMENT :

R_x Cupri Sulphat..... $\frac{1}{2}$ grain
 Magnesia Sulphat.....1 ounce
 Acid Sulphuric Dil.....1 drachm
 Aquæ 4 ounces

M. Sig.—One tablespoonful to be taken every four hours.—
 BARTHOLOW.

HOMŒOPATHIC TREATMENT :

Aconite, 2x dilution. Five drops every hour.

Indications—Dysentery, with high fever, great fear and restlessness, accompanied with cutting, lancinating, burning, and tearing pains in the abdomen; stools of mucus and blood.

Bryonia, 3x dilution. Five drops every hour.

Indications—Stools offensive, pasty, or bilious and acrid, smelling like old cheese.

Mercurious Vivus, 3x trituration. Five grains every two hours.

Indications—In dysentery of great violence, stools of mucus and pure blood, with excessive tenesmus and colicky pains before and during stools, and tenesmus after stools.

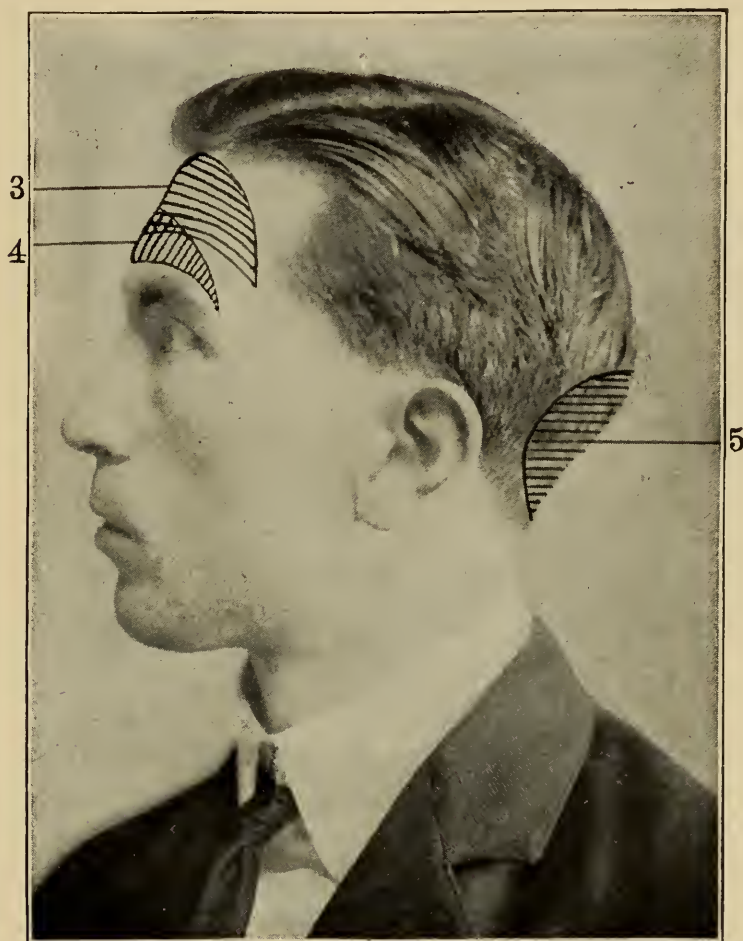
Mercurius Corrosivus, 3x trituration. Five grains every four hours.

Indications—Very distressing, persistent tenesmus and cutting, colicky pain after stools, burning and tenesmus of rectum and bladder; stools frequent, scanty, nothing but mucus tinged with blood.

No. 5.

CHRONIC CRAMP DIARRHŒA OR DYSENTERY.**TREATMENT :**

If the complexion is sallow, and a brownish coated tongue, get of your druggist, 12 one-half grain calomel tablets, and take one every hour until three are taken,

PAIN.**Fig. 3.**

- 3. Pain in upper forehead. Use recipe for head pain **b.**, in No. 14.
- 4. Pain in middle forehead. Use recipe for head pain **c.**, in No. 14.
- 5. Melancholy, a gloomy state of mind. Use No. 49.

the last one at bed-time. On the following day begin taking this:

R_y Bismuth Sub-nit. 4 drachms
 Salol. 72 grains

M. For 24 powders. Sig.—One powder to be taken every three hours. Follow this with:

R_y Fl. Ext. Podophyllin. 1½ drachms
 Tinct. Cinchona Com., to make. 4 ounces

M. Sig.—One teaspoonful three times a day. If the bowels should move too freely, lessen the dose.

It may be necessary to repeat the calomel by taking one tablet every fourth or fifth evening until all are taken or until the tongue is clean and complexion cleared up.

No. 6.

SMALL INTESTINE CATARRH.

ENTERITIS; INFLAMMATION OF THE MUCOUS MEMBRANE OR
 INSIDE LINING OF THE INTESTINES.

CAUSES:

Over-eating, unsuitable food, tainted food-stuffs, spoiled meats, ice-cream, and beer; poisons, impure water, irritating cathartics, and sudden atmospheric changes, are the most prominent causes.

SYMPTOMS:

In catarrh of the small intestine there is an absence of a marked diarrhœa, but a presence of colicky pain and rumbling, with slight bloating and tenderness over

the small intestines. The stools are lumpy and contain undigested food.

TREATMENT:

R $\bar{y}$ Salol..... $\frac{1}{2}$ drachm
 Creasoti 10 minims
 Bismuth Salicylate.....1 drachm

M. For 20 capsules. Sig.—One every three hours.

Diet should consist of skimmed milk, weak broths, eggs, and oysters.—ANDERS.

HOMŒOPATHIC TREATMENT:

Podophyllum Peltatum, 3x dilution. Five drops every two hours.

Indications—Tongue full and broad, with a pasty coat in the center, and shows imprints of the teeth. The great characteristic for this remedy is morning diarrhœa; stools watery, green, undigested or slimy, with severe colic, and prolapsus of rectum.

Colchicum Autumnalè, 3x dilution. Five drops every two hours.

Indications—No appetite; great thirst; aversion to food, loathing the sight and smell of it. Pressing, tearing, cutting, and stitching pains in the abdomen. Great bloating, feeling as if one had eaten too much.

Cinchona, 3x dilution. Ten drops before each meal.

Indications—Thick, dirty, yellow coating on the tongue, with bitter taste. Violent thirst for cold water; drinks but little, but wants it often. Abdomen feels full and tight, as if stuffed, belching gives no relief; fermentation in abdomen from eating fruit.

No. 7.

CATARRH OF COLON.

COLITIS; INFLAMMATION OF LARGE INTESTINE.

SYMPTOMS:

Considerable pain, diarrhœa, with tenderness along the course of the colon, and soup-like stools containing mucus.

TREATMENT:

Warm water injections into the colon, by rectum, slowly given, will stimulate the bowel and cleanse it of irritating substances. The injection should be made at once, using a quart or more water at a time, and repeated every third day.

Take internally:

R _y	Salol.....	$\frac{1}{2}$ drachm
	Creasoti.....	10 minims
	Bismuthi Salicylate.....	1 drachm

M. For 24 capsules. Sig.—One to be taken every three or four hours.

If pain be excessive the following may be used:

R _y	Argenti Nitras.....	2 grains
	Ext. Opii.....	$\frac{1}{2}$ grain

M. For 16 pills. Sig.—One every three or four hours.—ANDERS.

HOMŒOPATHIC TREATMENT:

Arsenicum, 3x trituration. Five grains every two hours.

Indications—Stools thick, dark green mucus, worse after night and after eating and drinking; great restlessness, constantly changing positions.

Ipecac, 3x dilution. Five drops every two hours.

Indications—Stools grass green, bloody, fermented; worse at night; face pale; no thirst; continuous nausea is the most characteristic symptom for this remedy.

No. 8.

CATARRH OF RECTUM.

PROCTITIS; INFLAMMATION OF THE RECTUM; USUALLY
CALLED FLUX.

SYMPTOMS:

Considerable quantities of mucus and pus, passed with painful tenesmus or a constant desire to go to stool with painful straining, and stools consisting chiefly of mucus. No diarrhœa.

TREATMENT:

The diet is important. The patient should avoid cold, acid, alcohol, tea, coffee, and tobacco, and greasy and highly seasoned foods.

Eggs, milk, cream, nourishing soups, broiled steak, potatoes, and rice, are allowed unless they disagree. Fruits and vegetables may be taken in limited quantities.

R_x Salol..... $1\frac{1}{4}$ drachms
Bismuth Salicylate..... $1\frac{1}{4}$ drachms

M. For 30 powders. Sig.—One powder to be taken by mouth, at each of the principal meals.

Indications—Used to prevent and diminish intestinal fermentation.—GRANT.

R_x Bismuth Sub-nit..... $\frac{1}{2}$ ounce
Iodoform..... $\frac{1}{2}$ drachm
Olive Oil.....1 pint

M. Sig.—One to two tablespoonfuls to be injected into the rectum once daily.

Indications—Used to reduce inflammation and heal ulcers.—MATHEWS.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every hour.

Belladonna, 3x dilution. Five drops every hour.

In connection with this, use injections of hot water. Injections of hydrastis and glycerin. Linseed poultices.

No. 9.

CATARRH OF DUODENUM.

SECOND STOMACH ; DUODENITIS.

SYMPTOMS :

When the duodenum alone is affected there is constipation instead of diarrhœa, with some localized pain and tenderness. Usually stomach trouble coexists, with nausea, vomiting, and gastric (stomach) pain. Jaundice due to the involvement of the bile duct, constitutes the only positive proof of duodenal catarrh.

TREATMENT:

R_y Ammonii Iodidi.....1 drachm
 Liq. Potassi Arsenitis..... $\frac{1}{2}$ drachm
 Tinct. Calumbæ.....4 drachms
 Aquæ Dest..... $1\frac{1}{2}$ ounces

M. Sig.—One teaspoonful before each meal.—BARTHOLOW.

HOMŒOPATHIC TREATMENT:

Hydrastis Canadensis, 2x dilution. Five drops every two hours.

Indications—Bad appetite; the power of digesting bread and vegetables being especially weak, with sour belching, and a sodden looking facial expression; the skin and eyes dark greenish tinted yellow color; urine very dark; stools light colored; great debility.

Chelidonium Majus, 2x dilution. Ten drops every two hours.

Indications—Nausea, tongue coated white or heavily yellow; stools slimy, grayish yellow, or watery; aggravated at night.

No. 10.

ACUTE CATARRH OF THE STOMACH.

GASTRITIS; ACUTE INFLAMMATION OF STOMACH.

SYMPTOMS:

In mild cases, especially after eating there is headache and depression of spirits, followed by fulness, weight, distress, and sometimes pain in the stomach; belching, nausea, and vomiting.

PAIN.



Fig. 4.

6. Pain like a nail driven in top of head. Use recipe for head pain **g.**, in No. 14.

7. Neurasthenic headache, resembling a tight band around the head. Use recipe for head pain **f.**, in No. 14.

8. See Fig. 6.

TREATMENT:

R $\bar{y}$	Bismuth Sub-nit.....	40 grains
	Potassi Bromidi.....	1 drachm
	Acidi Hydrocyanici Dil.....	20 minims
	Spir. Chloroformi.....	40 minims
	Mucil. Acaciæ.....	1 ounce
	Aquæ, to make.....	4 ounces

M. Sig.—One tablespoonful to be taken every three or four hours, or ten minutes before meals.—BRUNTON.

In severe cases there may be a chill, then fever, severe headache, vomiting, diarrhœa (frequent), or constipation (seldom), with slight bloating and tenderness at stomach. Bitter taste, sore lips, heavily coated tongue, and foul breath. The urine scanty, high-colored, and loaded with urates.

TREATMENT:

1. Absolute rest for stomach.
2. All nutriment fed by rectum.
3. To quiet the stomach.

R $\bar{y}$	Hydrargyri Chlo. Mitis.....	2 grains
	Bismuth Sub-nit.....	1 drachm

M. For 20 powders. Sig.—One powder every four hours.

Or:

R $\bar{y}$	Acid Carbolic.....	4 drops
	Sodii Bicarb.....	1½ drachms
	Elixir, Fl.....	½ ounce
	Aquæ, to make.....	4 ounces

M. Sig.—One teaspoonful every three hours.

4. Opium, Hyoscyamus, Asafoetida by suppository, in rectum, for nervous symptoms.

5. Counter irritation, as mustard draft over pit of stomach.

Give nothing by mouth except for its local action on the stomach.

Especially avoid all purges. If one is necessary, use calomel.—PEPPER.

ANOTHER :

R̄ Hydrargyri Chlo. Mitis.....1 grain
 Sacchari Lactis.....10 grains
 Alcohol, q. s.

M. For six tabloids. One tabloid every half hour, followed in four hours by teaspoonful Rochelle salt.

Indications—To overcome constipation.

R̄ Tinct. Aconiti.....4 minims
 Aquæ, to make 1 ounce

M. Sig.—One teaspoonful every hour.

Indications—Used in early stages to control vomiting.

Or :

R̄ Acidi Hydrocyanici Diluti.....1 drachm
 Aquæ 1¼ drachms

M. Sig.—Ten drops to be taken every hour.

Indications—Used to control vomiting.

Or :

R̄ Vini Ipecacuanhæ.....2 drachms
 Tinct. Nucis Vomicae.....2 drachms

M. Sig.—Two drops every two hours in water.

Indications—To control vomiting.—BRUNTON.

HOMŒOPATHIC TREATMENT :

Nux Vomica, 3x dilution. Five drops every hour.

Indications—Used for habitual pain in pit of stomach, belching of bitter and acid liquids; vomiting of same matter.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—Used in cases arising from violent emotions, and in cases resulting from ice-cold drinks. The tongue is coated white; putrid taste in the mouth; a sensation of a heavy load in the stomach; constipation or diarrhoea may be present.

Pulsatilla, 3x dilution. Five drops every hour.

Indications—Used in cases caused by indulgence in

pastry or fatty foods. There is little or no thirst; mouth dry, and perhaps, a putrid taste in the morning.

NO. 11.

CHRONIC CATARRH OF STOMACH.

GASTRITIS; CHRONIC INFLAMMATION OF THE STOMACH.

SYMPTOMS:

These are varied. Headache is common, dizziness not infrequent, disturbed or dreaming sleep, depression of spirits, drowsiness and languor are nearly always present. The appetite is fickle, sometimes abnormally great. After eating there is oppression, fulness, distress, or burning with pain at stomach. There may be belching of bitter fluid, gas, and abdominal bloating. The tongue swollen, creased, red tip and sides, bad taste, and urine may be highly colored, with heavy deposits.

TREATMENT:

R _x	Resorein Resublimati.....	5	drachms
	Bismuth Salicylate.....	1 $\frac{1}{4}$	drachms
	Sodii Bicarbonate.....	7 $\frac{1}{2}$	drachms
	Sacchari Albi.....	7 $\frac{1}{2}$	drachms

M. Sig.—Take from one-half to a small teaspoonful of this powder every two hours.

HOMŒOPATHIC TREATMENT:

Nux Vomica, 6x trituration. Ten grains before each meal.

Indications — Habitual pain in pit of stomach, belching of bitter acid liquids, and vomiting of the same matter. Want of appetite, with nausea, aversion to the usual food and drink, and the customary tobacco and coffee.

Hydrastis Canadensis, 2x dilution. Five drops in water before each meal.

Indications—Bad appetite; the power of digesting bread and vegetables being especially weak, with sour belching, and a sodden-looking facial expression. Dull aching pains in the stomach, which cause a very weak, faint feeling. A sensation of weight like a stone in the stomach, with fulness, and an empty gone feeling.

Pulsatilla Nigricans, 3x dilutation. Five drops every three hours.

Indications—Frequent chilliness; absence of thirst, constant nausea, with slight vomiting and little pain; feeling of distention after meals, forcing one to loosen the clothing; rising of water into the mouth in large quantities, tongue coated white, and bitter, putrid taste. Diarrhœa always worse at night; stools consisting of green and acrid mucus, preceded by commotion in bowels.

Carbo Vegetabilis, 2x trituration. Ten grains every three hours.

Indications—Tongue coated heavily, white or brown. Frequent belchings which afford only temporary relief. When eating or drinking, sensation as if the stomach or abdomen would burst with gas. Tendency to slimy, fæcal diarrhœa, with bloating.

No. 12.

ULCERS OF THE STOMACH.

GASTRIC ULCERS.

SYMPTOMS:

The disease may be of a mild form and discovered only at autopsy. More commonly there is dyspepsia, fulness, no appetite, oppression, belching and water-brash. Eventually in well marked cases there is:

Pain, which may be dull and oppressive. More fre-

quently there are attacks of sharp, boring, or burning pain, excited by taking food, and occurring either immediately or from one to two hours after eating.

Tenderness, which is a common symptom, but only of diagnostic value when located at pain 36, Fig. 11, and so small that a finger tip will almost cover it, or when a tender spot is found at pain 76, Fig. 18.

TREATMENT :

Partial or complete feeding predigested food by rectum.

PAIN.

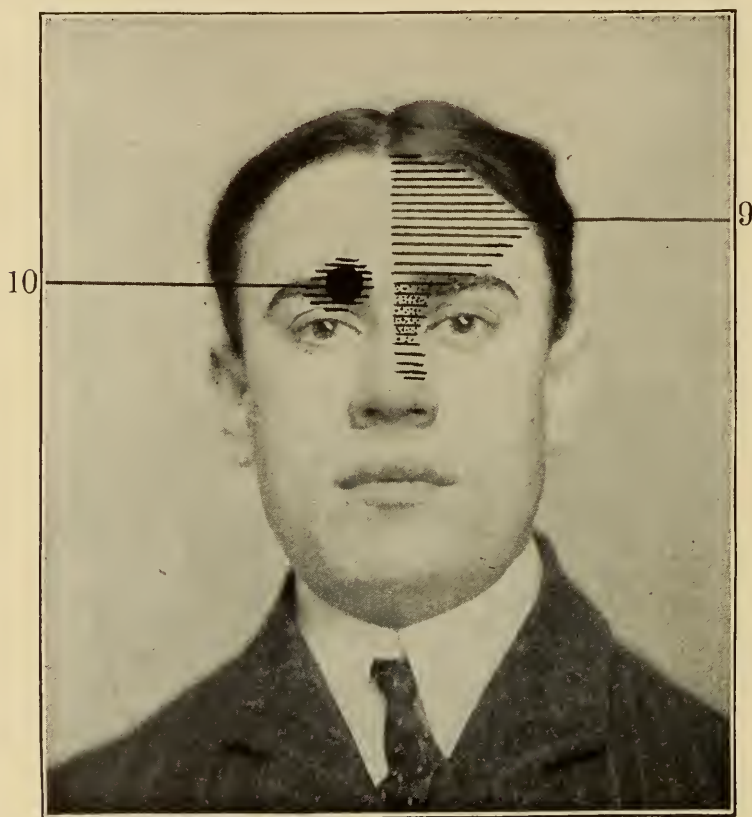


Fig. 5.

9. Turbinal headache. Use treatment for head pain **h.**, in No. 14.
10. Catarrh of sinus. Use treatment for head pain **i.**, in No. 14.

R̄ Argenti Nitratis..... 6 grains
Ext. Hyoscyami.....24 grains

M. For 30 pills. Sig.—One pill three times a day.

Indications—To reduce acidity of stomach, thereby relieving pain, and promoting healing of ulcer.

R̄ Ext. Opii.....12 grains
Ext. Hyoscyami.....12 grains
Argenti Nitratis..... 6 grains

M. For 24 pills. Sig.—One pill three times a day.

Indications—Used to relieve pain and heal ulcer.

Opium should be discontinued as soon as possible. Hot applications should be applied over stomach.

Or, if a delicate person, use this formula:

R̄ Morphinae Sulphatis.....2 grains
Bismuth Sub-nitratis.....2 drachms

M. For 20 powders. Sig.—One powder every three hours.

Indications—To relieve pain and overcome acidity. Hot applications over stomach.—DOM. MED. MON.

HOMŒOPATHIC TREATMENT:

Arsenicum Album, 3x trituration. Five grains every hour.

Indications—Vomiting immediately after eating; vomiting of blood; with sudden and great prostration. Stools black; burning in the stomach.

Mercurius Corrosivus, 3x dilution. Five drops every hour.

Indications—Stomach distended and sore, can not endure light pressure, even of clothing. Burning, gnawing, and darting pains.

No. 13.

NEURALGIA OF STOMACH.

GASTRALGIA.

SYMPTOMS:

Pain is not affected by taking food. The attack is frequently preceded by slight nausea or stomach pressure, water-brash, faintness, vertigo, or headache. Shortly a severe and agonizing pain begins in the stomach, radiating through to the back, extending to left shoulder blade, and sometimes around lower ribs to the abdomen. The face is pale and anxious, the hands and feet are cold, and the skin cool and wet. The body is curved forward and the abdomen hollowed. Attacks may last from a few minutes to several hours.

TREATMENT:

When an attack is threatening, take alternately the following mixtures:

R_y Cocainæ Hydrochlorate..... $4\frac{1}{2}$ grains
 Tinct. Illicii.....15 minims
 Aquæ Aurantii Flor.....3 ounces

M. Sig.—One small tablespoonful every half hour, alternating with the following:

R_y Aquæ Chloroformi (Saturat).....2 ounces
 Syr. Belladonnæ..... $\frac{1}{2}$ ounce
 Aquæ Menth. Pip..... $\frac{1}{2}$ ounce

M. Sig.—One small tablespoonful every half hour.

If the pain persists and is very severe, a hypodermic injection of the following should be given:

R_y Cocainæ Hydrochlorate..... $\frac{3}{4}$ grain
 Morphinæ Hydrochlorate..... $1\frac{1}{2}$ grains
 Aquæ Dest..... $2\frac{1}{2}$ drachms

M. Sig.—Eight minims hypodermically and repeat in fifteen minutes if necessary.—MELBECK.

Tickling the throat with the finger until vomiting occurs will give instant relief in many cases of neuralgia of the stomach. Then eat nothing for twelve hours. Stomach needs rest, and if bilious, take a $\frac{1}{2}$ grain calomel tablet at bed-time.

HOMŒOPATHIC TREATMENT:

Nux Vomica, 12x dilution. Ten drops every half hour.

Indications—This remedy is particularly adapted to intellectual individuals of sedentary habits who are subject to constipation, and in whom the disease has been caused by excessive mental work, irregular eating, excesses in tobacco, alcohol, tea, or coffee. The attacks are apt to appear in the morning, and may be excited by use of solid food.

Arsenicum, 3x trituration. Five grains every hour.

Indications—This remedy occupies the first place in gastralgia of anemic and enfeebled persons. Violent burning pains, stomach feels on fire. Nausea and vomiting after eating ice-cream or drinking icewater; stomach feels full and greatly distended.

Belladonna, 3x dilution. Three drops every half hour.

Indications—Gastralgia of a purely nervous type and characterized by the suddenness with which the paroxysms appear and disappear. Pains are periodical and usually come at night.

No. 14.

PAIN IN FOREHEAD.

TREATMENT :

If constipated use this formula :

R_y Magnesia Sulph.....2 ounces
 Ferri Sulph.....15 grains
 Acid Sulph. Dil.....2 drachms

M. Sig.—One teaspoonful every morning upon waking, in a half tumbler of cold water.

Indications—Used when pain extends from eye-brows to top of forehead, with constipation.—ATLA.

If bowels are not constipated, use this formula :

R_y Sodium Bicarb.....2½ drachms
 Liquor Potass.....2 drachms
 Spirits Ammo. Aromatic.....5½ drachms
 Aquæ Menth. Pip., to make.....3 ounces

M. Sig.—One teaspoonful before meals, in water.

Indications—Pain in the entire forehead without constipation.

HOMŒOPATHIC TREATMENT :

Nux Vomica, 3x dilution. Five drops every two hours.

Indications—Headache in the forehead, as if the eyes were being pressed out. Headache in the morning, in bed before opening the eyes ; heaviness and pressure, as if one had not slept all night.

HEAD PAIN B.

TREATMENT :

Pain in upper forehead :

R_y Strych. Sulph.....½ grain
 Pulv. Ipecacuanhæ.....2 grains
 Ext. Belladonnæ.....2 grains
 Ext. Colocyntthis.....2 grains

M. For 24 pills.—Four pills daily at first ; then three, and afterwards two.

HOMŒOPATHIC TREATMENT:

Carbo Vegetabilis, 2x trituration. Ten grains every three hours.

Indications—Head feels heavy as lead. Headache, as if contraction of the scalp. Pressive pain in the fore-

PAIN.



Fig. 6.

11. Eye strain. Corrected by wearing properly fitted glasses.

12, 13, 14, 15, may be caused either from eye strain, inflammation of ear, sore throat, or decayed teeth.

If from eye strain, wear glasses.

If from inflamed ear, use treatment No. 42.

If from sore throat (pharyngitis), use treatment No. 41.

If from decayed teeth, consult a dentist.

head, and sensitive to pressure, especially of hat; sensation remains after the hat is removed, as if the head was encircled by a band.

HEAD PAIN C.

TREATMENT :

Pain in middle forehead, or just above the eyes :

R _y	Acid Muriatic Dil.....	6 drachms
	Tinct. Cardamom.....	2 ounces
	Pepsin Pure.....	$\frac{1}{4}$ ounce
	Aquæ Dest., to make.....	4 ounces

M. Sig.—One teaspoonful every three or four hours first day; then one after each meal, in water.

HOMŒOPATHIC TREATMENT :

Iris Versicolor, 3x dilution. Five drops every two hours.

Indications—Headache in the forehead and eyes, more on the right side; with distressing nausea, and vomiting of intensely sour or bilious matter; aggravated by rest.

HEAD PAIN D.

TREATMENT :

Pain in back of head and neck:

R _y	Hydrargyri Chloridi Mitis.....	1 grain
	Sodii Bicarbonatis.....	12 grains

M. For six powders. Sig.—One powder every half hour, last one at bed-time; followed next morning with Seidlitz powder if bowels do not move freely.

Indications—Used for bilious headache, when tongue is coated brownish color, bad taste of mornings, distress in stomach and complexion sallow.

HOMŒOPATHIC TREATMENT :

Bryonia Alba, 3x dilution. Five drops every two hours.

Indications—Exceedingly irritable; everything makes one angry. Head aches as if it would split open; greatly aggravated by motion, opening the eyes, or stooping; relieved by pressure and closing the eyes.

HEAD PAIN E.

Pain on top and extreme back part of head: Anemic (impoverished blood) headache.

Anemic headache is a sore and pressing pain, usually felt in the vertex (top of head), and is often associated with occipital (back of head) pressure.

TREATMENT:

R̄ Ferri Sulphatis Exsiccati.....24 grains
 Acidi Arseniosi.....1 grain
 Ext. Nucis Vomicae.....12 grains
 Aloinæ.....5 grains
 Ext. Cinchonæ.....1 drachm

M. For 34 pills. Sig.—One pill after each meal.

Indications—Used in anemic headache, debility following severe illness, over work, and from disease of the genital organs.

HOMŒOPATHIC TREATMENT:

Gelsemium, 1x dilution. Two drops every hour.

Indications—Rush of blood to the head; veins of the head swollen; with flushes of heat in the face. Hammering and beating pulsating pains in the head; compelling one to lie down.

HEAD PAIN F.

Neurasthenic pain in the head:

The headache of neurasthenia (nervous debility), probably the most frequent of all headaches which need treatment, is of a pressive character, usually vertical,

but sometimes described as a band around the head. It is usually worse in the morning, becoming lighter or disappearing toward the latter part of the day.

DIET.—Should consist of meat, fish, oysters, rice, macaroni, and hominy. All stimulants should be avoided.

TREATMENT :

R _x	Iron and Quinine Citrate.....	38 grains
	Strychnine Nitrate.....	1½ grains
	Fl. Ext. Cola.....	3 drachms
	Sodium Glycerophos.....	3 drachms
	Syr. Orange.....	6 ounces

Dissolve the other ingredients in the syrup of orange with the aid of a gentle heat.

Sig.—A coffeespoonful three times a day after meals.—WIENER.

R _x	Potassii Bromidi	4 drachms
	Tinct. Ferri Chloridi.....	3 drachms
	Glycerini	2 drachms
	Aquæ, to make.....	6 ounces

M. Sig.—One teaspoonful to be taken in half glass of water and repeated as often as necessary in order to decrease pain and produce sleep.—LEWIS.

HOMŒOPATHIC TREATMENT :

Phosphorus, 6x dilution. Five drops every two hours.

Indications—Headache generally occurs in the morning, sometimes in the evening; aggravated by warmth and excitement; relieved by repose, cold, and open air.

HEAD PAIN G.

Pain like a nail driven in top of head (hysteria).

SYMPTOMS :

This affection attacks in paroxysms or fits, usually preceded by dejection, anxiety, tears, difficult breathing, sickness, and palpitation of the heart.

TREATMENT:

R_y Tinct. Opii..... $\frac{1}{2}$ drachm
 Tinct. Nucis Vomicæ.....1 drachm
 Aquæ, to make.....4 ounces

M. Sig.—A teaspoonful in water three times daily.

Indications—To relieve the excruciating pain or pressure on top of the head, flushings, and hot and cold perspirations.—HARTSHORNE.

HOMŒOPATHIC TREATMENT:

Pulsatilla, 12x dilution. Five drops every hour.

Indications—Headache as if one had eaten too much, or as if the stomach had been disordered by being overloaded with fat meat.

HEAD PAIN H.

Headache from turbinal pressure:

Turbinated bones—two spongy bones of the nostrils—so called from their being formed like a top.

Headache from turbinal pressure, either acute from rapid swelling or enlargement from growth, is felt as a pain beginning at the root of the nose and running backward and lateral, affecting one side of the head, and is very painful. In the acute form, pain will subside in from twelve to eighteen hours, and may then attack the opposite side and last equally as long as the first.

TREATMENT:

R_y Quininæ Sulphatis.....18 grains
 Sodii Salicylatis.....24 grains
 Camphoræ Monobromatæ.....5 grains

M. For 12 capsules. One capsule every three hours.

Indications—To decrease congestion and reduce the size of the turbinated bones.

R_y Tinct. Opii Camph..... $\frac{1}{2}$ ounce
 Tinct. Benzoini Composita.....1 ounce

M. Sig.—Put one teaspoonful in a pint of hot water and inhale the steam three times a day.

The water should be kept near the boiling point and the vapor inhaled for fifteen minutes at a time, six deep inspirations being made each minute.

Indications—To soothe the mucous membrane lining the interior of the nose and cavities directly connected with it.

HOMŒOPATHIC TREATMENT :

Gelsemium, 3x dilution. Five drops every two hours.

PAIN.



Fig. 7.

- 16. Anemic headache. Use head pain c., in No. 14.
- 17. Articular (joint) rheumatism. Use No. 17.
- 18. See Fig. 6.
- 19. See Fig. 10.

Indications—Sensation as of a band drawn tightly around the head above the ears, with a feeling of great soreness of the scalp.

HEAD PAIN I.

Catarrh of sinus, or cavities in the skull bone just above the eyes.

This affection is due to acute colds in the head, especially when nasal catarrh already exists. It is very painful, and usually results in suppuration (gathers and breaks), the pus and blood passing out through the nostrils.

TREATMENT :

Should be commenced during the first stages of an acute attack of cold in the head, as follows :

R̄ Quinine Sulphate.....3 grains
 Fl. Ext. Belladonna.....3 minims
 Sodium Salicylate.....36 grains
 Camphor.....3 grains

M. For 12 capsules. Sig.—One to be taken every one or two hours.

For local treatment use this formula:

R̄ Alum.....3 grains
 Morphine Sulphate.....2 grains
 Cocaine Hydrochlorate.....1 grain
 Camphor..... $\frac{1}{2}$ drachm
 Bismuth Sub-nitrate.....1 drachm

M. Sig.—Mix thoroughly. To be used as a snuff every two hours.

HOMŒOPATHIC TREATMENT :

Tinct. Gelsemium, three or four drops every hour until all symptoms disappear. If taken at the beginning of an attack, this is the only remedy needed.

No. 15.

ACUTE BRONCHITIS.

ACUTE CATARRH OF BRONCHIAL TUBES.

CAUSES :

Usually a downward extension of an acute attack of nasal catarrh caused by a cold, and occurs as a symptom in grippe, measles, typhoid fever, malaria, and bronchial asthma.

SYMPTOMS :

Usually there is cold in the head, with chilliness, slight hoarseness, soreness of the throat, a feeling of weakness and oppression, and some general aching of the back and limbs. There is slight fever, but in severe cases the temperature may rise to 103° , with a corresponding frequency of the pulse. The location of soreness or pain corresponds to pain 30 and 32, Fig. 10, and one or both sides may be affected. If but one side, which usually is the case, the pain will be felt on the same side that is affected. Cough, at first dry, rough, and irritating, often occurring in severe paroxysms, and by its violence causing muscular pain and soreness along the edge of the lower ribs.

TREATMENT :

R	Potassii Citras.....	6 drachms
	Liq. Ammonii Acetat.....	5 ounces
	Spt. Æth. Nit.....	1 ounce
	Vini Ipecac.....	2 drachms
	Syr. Pruni Virg., to make	8 ounces

M. Sig.—One tablespoonful in half tumbler of water every two hours until the secretions are loosened.

If a high fever is present, tinct. aconite, 16 minims, may be added to the above mixture; and if there be present much tickling with distressing cough, codein, 2 grains, may be added to the same.—ANDERS.

A standard formula for this common trouble is the following:

R	Vini. Ipecacuanhæ.....	2 drachms
	Liq. Potassii Citras.....	4 ounces
	Tinct. Opii Camph.....	$\frac{1}{2}$ ounce
	Syr. Acacia.....	$\frac{1}{2}$ ounce

M. Sig.—From one to two teaspoonfuls in water three to four times a day.

It is desirable to begin the use of the above in the very early stages of the disease, in which case much more comfort will be given.

In chronic bronchitis, Da Costa uses the following formula:

R	Ammonii Chloridum.....	2 drachms
	Mistura Glycyrrhizæ Composita.....	3 ounces

M. Sig.—A dessertspoonful three times a day.

HOMŒOPATHIC TREATMENT:

Ferrum Phos., 2x trituration. Five grains every two hours.

Indications—In the acute inflammatory stage, or in chronic bronchitis when a new aggravation sets in. Breathing short, oppressed, and hurried. Acute, short, spasmodic, and painful cough.

Squilla, 2x dilution. Five drops every one or two hours.

Indications—Cough violent, with stitches in the side; with expectoration of mucus; shortness of breath, with stitches in chest, especially when inhaling or coughing.

Antimonium Tartaricum, 6x trituration. Five grains every two hours.

Indications—Coughing and gaping constantly, particularly in children, when crying or dozing; rattling or hollow cough; worse at night, with suffocation, throat full of phlegm, sweat on forehead, and vomiting of food.

CHRONIC BRONCHITIS.

Kali Bichromicum, 6x dilution. Ten drops every two hours.

Cough, with expectoration of tough, stringy mucus, which sticks to the throat, mouth, and lips, the cough is choking and croupy; voice rough and hoarse.

Sulphur, 6x trituration. Ten grains every two hours.

Indications—This remedy is particularly indicated in chronic, bronchial catarrh, with excessive collection of mucus matter, with loose rattling cough, and easy expectoration, especially in the day-time. At night the mucus is more tenacious and is raised with difficulty; but it becomes easy in the morning. Persons are liable to this trouble who are sensitive to cold, damp, rainy weather, and feel the slightest changes.

NO. 16.**INTERCOSTAL (Between Ribs) NEURALGIA.**

This affection is common and occurs more frequently in women than in men, usually in the winter, and between the ages of 20 and 35. The chief causative factors are nervous prostration, hysteria, impoverished blood, childbearing, female disease, heart disease, dyspepsia, and malaria.

SYMPTOMS:

The onset is sudden. The pain is sharp and stabbing, and but slightly increased by breathing. There may be tenderness over seat of pain. The left side is affected more often than the right. The duration of the disease is usually from 2 to 6 weeks, but it may last months.

TREATMENT :

℞ Chloralis 1 drachm
 Camphoræ 1 drachm
 Mentholis.....1 drachm

M. Sig.—Apply over seat of pain with a camel's hair brush.

Take internally the following :

℞ Acetanilidi.....12 grains
 Camphoræ Monobromatæ.....1 drachm
 Caffeinæ Citratæ.....6 grains

M. For 12 powders. Sig.—One powder to be taken every two to four hours.

Indications—Used for relief of pain.

HOMŒOPATHIC TREATMENT :

Rhus Tox., 12x dilution. Five drops every two hours.

Indications—Pains aggravated by rest; worse after midnight; before storms; relieved by motion, changing constantly to get relief.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—Weakness and exhaustion, worse when walking. In morning; on rising; sitting up in bed causes nausea and faintness.

Spigelia, 2x dilution. Five drops every hour.

Indications—Cutting pain beneath left nipple, extending to shoulder blade and upper arm, worse during deep breathing.

 No. 17.

ACUTE ARTICULAR (Joint) RHEUMATISM.

Acute articular rheumatism is a febrile (fever) disease, the exact nature of which is unknown. Usually a multiple of joints are affected, and its chief complications are inflammation of the heart and the membranous bag which contains it.

SYMPTOMS :

There are wide variations in the intensity of the symptoms. At first there may be uneasiness, indefinite joint pains, and a sore throat, especially tonsillitis. In the majority of cases the beginning is sudden, with slight chilliness, a rapid rise in temperature, and coincident joint symptoms. The affected joints, usually the wrists, elbows, ankles, or knees, become swollen, hot, reddened, tender, and excessively painful upon movement. Generally two or more joints are involved, the inflammation leaving one and simultaneously appearing in another. Rarely one joint alone is affected, and no joint is exempt in severe cases. The swelling affects mainly the tissues surrounding the joints. Profuse sweats, at first acid, are characteristic; the urine is scanty, and loaded with urates; the bowels are constipated; the tongue heavily coated, and impoverished blood develops very rapidly.

TREATMENT :

The first thing of importance in the treatment of acute articular rheumatism is to regulate the bowels, and keep them in a soluble condition. The following formula is excellent for that purpose:

℞ Euonymin 4 grains
Podophyllin 1 grain
Alain 1 grain

M. For 16 tablets. Sig.—One tablet morning and night as required.—SATTERLEE.

For an external application use this formula :

℞ Menthol 1 drachm
Acid Salicylic 2 drachms
Methyl Salicylate 1 drachm
Alcohol, to make 1 ounce

M. Sig.—Paint joints briskly with camel's hair brush, cover with absorbing cotton, and bandage snugly but not tightly.

So efficient has the above combination proved that in the great majority of cases of acute articular rheumatism it has been possible to dispense with internal remedies altogether.

After a few applications the epidermis begins to peel off and the surface becomes tender. When this occurs the application should be stopped for a day or two, and a soothing ointment as follows, should take its place:

R	Benzoinated Lard.....	40 parts
	Laudanum.....	4 parts
	Chloroform.....	3 parts
	Ext. Belladonna.....	2 parts
	Ext. Cicuta.....	1 part

M. Sig.—Apply as above directed.

The above treatment is useful in acute joint rheumatism only.—ROBINSON.

For internal treatment use this formula:

R	Acid Salicylic.....	3 drachms
	Sodium Bicarbonate.....	2 drachms
	Potassium Iodide.....	$\frac{1}{3}$ drachm
	Elixir of Gaultheria.....	$\frac{1}{2}$ ounce
	Glycerin.....	$\frac{1}{2}$ ounce
	Aquæ.....	4 ounces

M. Sig.—Teaspoonful every two hours.—PORTER.

Or, as many prefer:

R	Sodii Salicylate.....	$\frac{1}{2}$ ounce
	Tinct. Lavandulæ Comp.....	4 drachms
	Glycerinæ Fl.....	$\frac{1}{2}$ ounce
	Aquæ, to make.....	8 ounces

M. Sig.—From one to two teaspoonfuls every hour or two until pain and fever abate.—MINOT.

Or, if a delicate person, with weak digestive organs, use this formula:

R	Salopheni.....	4 drachms
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M. For 30 powders. Sig.—One powder every four to six hours.

Indications—Used as a substitute for salicylic acid and other salicylates when they give rise to gastric (stomach) disturbance.

HOMŒOPATHIC TREATMENT :

Ferrum Phos., 2x trituration. Five grains every two hours.

Indications—When movement causes pain or tends to increase it. Especially of shoulder; pains extending to upper chest; attacks one joint after another. Better by warmth. Severe at night, preventing sleep.

Bryonia Alba, 3x dilution. Five drops every hour.

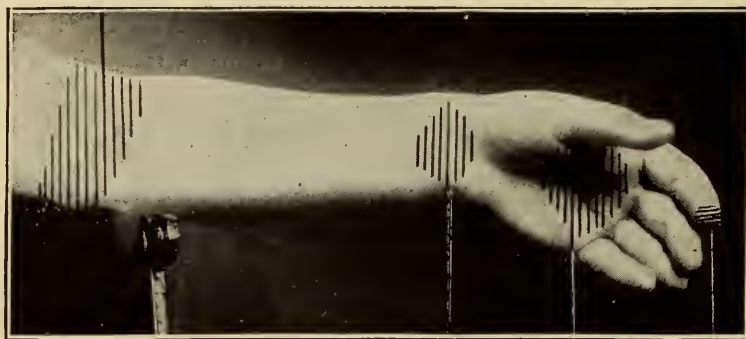
Indications—Every part of the body is painful on pressure. Pain like a bruise in calf of leg; swelling of ankles and feet; joints very stiff; stretching, or motion is painful; limbs weak, compelling one to sit down; legs tremble.

Rhus Tox., 12x dilution. Ten drops every hour.

Indications—Jerking, tearing pain in elbow and wrist joints while resting, better when in motion; stiffness

PAIN.

20



21

22

23

Fig. 8.

- 20. Articular rheumatism. Use treatment No. 17.
- 21. Ovarian trouble. See Fig. 28 and 29.
- 22. Diseased uterus. See Fig. 28 and 29.
- 23. Inflammation of bladder. Use No. 32.

and loss of power of fore arm and fingers. Aching pains in legs. All cases are aggravated while at rest, on beginning to move, before a storm, at night, and from getting wet or damp.

Pulsatilla, 12x dilution. Ten drops every hour.

Indications—Drawing, tearing pains in the limbs, shifting rapidly from one place to another. Restlessness, sleeplessness, and chilliness. Boring pains in the heels toward evening, gradually growing worse until midnight. Better in the open air; in cool places; and when lying upon the back.

NO. 18.

ARTHRITIS DEFORMANS.

ENLARGED FINGER AND TOE JOINTS.

Arthritis deformans is a chronic disease, characterized by progressive changes in the joint structures and by bone formations, producing great deformity.

SYMPTOMS:

At first one joint, usually of the hand, is slowly involved, soon another joint is attacked. These may recover apparently, but are soon reinvaded and grow progressively worse. The affected joints slowly enlarge, and are moderately painful, particularly on movement. Other joints may soon be invaded, as those of the feet, arms, legs, and trunk, until, in the worst cases, every joint is deformed.

TREATMENT:

This especially involves measures that are directed toward building up the general system—a generous

diet, systematic warm bathing, and an abundance of fresh air, with properly-regulated physical exercise.

℞ Ferri Sulph..... $\frac{1}{2}$ drachm
 Sodii Carbonatis Exsiccati..... $\frac{1}{2}$ drachm
 Acidi Arseniosi.....1 grain

M. For 36 capsules. Sig.—One capsule three times a day, after meals.

Indications—Used to build up the general system.

Guaiacol carbonate in from two to five grain doses three times daily, after meals.

Indications—Used to eliminate bacterial toxins, thereby reducing the enlarged joints.

HOMŒOPATHIC TREATMENT:

Pulsatilla, 3x dilution. Five drops every two hours.

Indications—Used when the knees or other large joints are affected without much effusion or severe pain. The patient is very chilly, has cold extremities, wet palms, disordered stomach, scanty or delayed menstruation.

Collinsonia, 3x dilution. Five drops every two hours.

Indications—Small joints involved, with constipation and hemorrhoids present.

Calcareo Sulph., 6x trituration. Ten grains three times a day, at meal time.

Indications—In the early stage of the enlargement of small joints.

NO. 19.

INFLAMMATION OF SPLEEN.

SPLENITIS.

The symptoms are vague, and may consist of simply a sense of weight, fulness, and pressure and tenderness at pain 45, Fig. 13, and pain 113, Fig. 22.

TREATMENT :

℞ Tinct. Uvedaliæ..... $\frac{1}{2}$ ounce
 Aquæ Pur..... $3\frac{1}{2}$ ounces

M. Sig.—One teaspoonful four times a day.—ANDREWS.

For local application, use the following ointment :

℞ Iodoformi.....45 grains
 Ext. Belladonna.....1 drachm
 Oil Menth. Pip.....10 drops
 Adipis Lanæ.....2 ounces

M. Sig.—Apply over seat of tenderness, night and morning, rubbing it in well.—LYON.

HOMŒOPATHIC TREATMENT :

Aconite, 3x dilution. Five drops every hour.

Indications—Face and head hot; burning or stinging pains in many parts, with restlessness.

Chininum Sulphuricum, 2x trituration. Five grains every two hours.

Indications—Spleen enlarged and painful. Dizziness, and buzzing in the ears.

No. 20.

TORPID LIVER.

BILIOUSNESS.

SYMPTOMS :

In torpidity of the liver, there is sallowness, foul breath, bad taste in mouth of mornings, brown coated tongue, poor digestion, with more or less distress in stomach, bowels constipated (frequent) or may be loose (seldom); headache, gloomy, dizzy, and sometimes despondent.

TREATMENT :

R Hydrargyri Chlor. Mite.....1 grain
Sodii Bicarb 12 grains

M. Sig.—One powder every half hour, last one at bed-time, followed next morning with Seidlitz powder if bowels do not move freely.

Indications—Used to correct liver trouble.

On the following day begin taking this :

R Fl. Ext. Podophyllin.....1½ drachms
Tinct. Cinchona Comp., q. s. ad.....4 ounces

M. Sig.—One teaspoonful three times a day. If the bowels move too freely lessen the dose.

Indications—Used to correct liver trouble, and build up the general system.

HOMŒOPATHIC TREATMENT :

Kali Mur., 6x trituration. Ten grains before each meal.

Indications—Want of appetite, coated tongue, sick feeling after eating fat ; pain and heavy feeling on the right side under the shoulder ; bitter taste, with constipation.

Mercurius Vivus, 2x trituration. Five grains every two hours.

Indications—Appetite only for bread and butter ; violent thirst ; abdomen hard, distended, and painful. Ineffectual urging to stool. Skin dirty yellow.

 NO. 21.

APPENDICITIS.

SYMPTOMS :

The general symptoms are well marked and grave from the beginning of the disease. They are pain and great tenderness in right iliac region (see pain 49, Fig.

14), prostration, pallor, an anxious expression, and cold sweating skin. Thirst is extreme, the tongue is dry, the breathing quickened, and the pulse feeble and rapid. The urine is scanty, high colored, and may be suppressed.

TREATMENT :

Treatment for appendicitis is such, and the disease so grave, that it requires the assistance of one or more of the best physicians that can be procured.

In the beginning of an attack, Brunton recommends the use of sodium salicylate and belladonna in large doses in the treatment of appendicitis. He recommends sodium salicylate in fifteen or twenty grain doses, alternating with ten or fifteen drops of the tincture of belladonna, every two hours for a limited number of doses. It is not wise to mix them because it is important to stop their administration just as soon as the symptoms of intolerance arise or at any rate to decrease the size of the dose.

Prof. Filatoff has used with success alcohol compresses in appendicitis. A gauze compress folded four times and large enough to cover the whole abdomen is soaked in a 95 per cent. solution of alcohol and lightly squeezed before being applied to the abdomen, when applied, a piece of flannel should cover the gauze and an ice-bag be placed over this. The gauze compress should be changed when the alcohol has evaporated. Opium should be given internally at the same time.

Romme's treatment for appendicitis at the "Beth-nien" Hospital of Berlin is absolute quietude and rest. The local treatment is either the application of an ice-bag over the iliac fossa, or, if this cannot be used, hot compresses. Care should be taken to avoid changing from one to the other, as the change provokes peristaltic action.

THE TIME TO OPERATE IN APPENDICITIS.

In the early hours of an attack, preferably the first twelve, insist on operating, provided a competent surgeon is to be had, and tell the patient that an early operation by a competent surgeon is practically safe, but that the non-operative treatment is safer in any event than operation at any time by a surgeon of doubtful ability.—JOHNSON.

See inflammation of cæcum No. 281.

HOMŒOPATHIC TREATMENT:

Belladonna, 2x dilution. Five drops every hour.

Indications—This remedy is especially indicated in young people. The pain is severe, and rapid in its onset, and is much increased by motion, even by jarring the bed. The thigh is generally flexed upon the abdomen. Tenderness is marked.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—In the beginning of the disease, sharp stitching pain, aggravated by every movement.

Rhus Tox., 3x dilution. Five drops every hour.

Indications—Aching in the limbs and back, great restlessness causing the patient to change position in spite of the local pain.

No. 22.**GRIPPE (INFLUENZA).****SYMPTOMS:**

The onset is generally sudden, with severe coldness or repeated slight shiverings, accompanied by a rapid rise of temperature, intense headache, distressing mus-

PAIN.

**Fig. 9.**

24. Loaded colon. Use Dr. Hall's remedy, No. 33.
 25, 26. Angina pectoris. Use treatment No. 29.
 27. Herpes zoster (shingles). Use No. 57.
 28. Pleurisy. For treatment use No. 102.

cular pains, and great prostration. Depression of spirits, restlessness, sleeplessness, and in some delirium.

The most striking symptom is pain, which in many cases is referable chiefly to the forehead, temples, back of head, eyeballs, and particularly at root of nose.

TREATMENT :

R Quininæ Sulph.....15 grains
 Ext. Cinchonæ 15 grains
 Ext. Aconiti Rad.....1½ grains

M. For 20 pills. Sig.—One pill three times a day.

When bronchial catarrh and inflammation of the lungs are present, use this formula :

℞ Pulv. Ipecacuanhæ Comp.....10 grains
 Pulv. Scillæ 10 grains
 Quininæ Sulph.....10 grains

M. For 20 pills. Sig.—One pill every three hours.

For stomach pain and vomiting, if present, use the following :

℞ Sodii Bicarb 25 grains
 Mag. Calcinatæ.....25 grains
 Bismuth Salicylate.....25 grains

M. For 15 powders. Sig.—One powder every four or five hours.—HUCHARD.

℞ Codeinæ Sulph.....4 grains
 Ammon. Chloridi.....4 drachms
 Syr. Pruni Virg.....2 ounces
 Spir. Junip. Comp.....4 ounces

M. Sig.—One teaspoonful every two or three hours.

Indications—To relieve cough and bronchial irritation.—ANDERS.

Convalescence demands rigid supervision, the greatest injury resulting from going out too early. Gentian, iron, and quinine, a preparation kept by all druggists, forms a good tonic till health is restored.

PREVENTATIVES :

℞ Salipyrinæ.....1 drachm

M. For 24 powders. Sig.—One powder every three or four hours.

Indications—Used to relieve pain in head, back, and limbs ; and, when taken at the beginning, to prevent an attack.—FUERST.

Two or three 5 drop doses of fluid extract of Gelsemium, repeated at intervals of two hours, when the first symptoms come on, will give instant relief, and ward off an attack.—McGIRK.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every hour.

Indications—Burning headache. Fulness and heavy feeling, as if everything would push out of the forehead. Sensitive to every noise; the face burning, fiery red, and bloated. Mouth dry and burning, with unquenchable thirst. Stitches in the chest, with cough at every breath.

Gelsemium tincture, one drop every hour.

Indications—Pain in back of neck, and extending up over the head. Brain feels as if bruised; dull aching in the muscles of the limbs and in the joints. Worse from any movement or touch.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—Irritable; dizziness on rising; face red; pressive pain in forehead; mouth dry; dry cough; weariness and heaviness in limbs.

No. 23.

ATONIC DYSPEPSIA (Indigestion).

Atonic: without power; without tone, or want of muscular power in walls of stomach.

TREATMENT:

Avoid over eating; take little or no fluids during meals; select solid, nutritious food, such as meat, lightly boiled eggs, and easily digested cereals, as flaked wheat or oatmeal. Milk taken alone is eminently unsuitable. Animal food is preferable to vegetable. Sugar and preserves should be avoided. Soups taken sparingly, light wine may be permitted to stimulate appetite.

Rest for at least twenty minutes after each meal; knead abdominal walls, and wear loose clothing.

Take internally:

℞ Tinct. Nucis Vomicæ.....3 drachms
 Tinct. Capsici $\frac{1}{2}$ drachm
 Pepsin Pure.....2 drachms
 Tinct. Cinchonæ Comp. q. s. ad.....4 ounces

M. Sig.—One teaspoonful three times a day.—DA COSTA.

In dyspepsia where there is bloating, abdominal pain, constipation, coated tongue, foul taste, little or no appetite, etc., use this formula:

℞ Pulv. Rhei.....48 grains
 Sodii Bicarb..... $\frac{1}{2}$ ounce
 Pulv. Ipecac 8 grains
 Tinct. Nucis Vomicæ.....2 drachms
 Aquæ Menth. Pip., to make.....6 ounces

M. Sig.—From one to two teaspoonfuls three times a day before meals.—EMANS.

In dyspepsia with bloating, without other distressing symptoms, use this formula:

℞ Aloin 15 grains
 Res. Podophyllin 24 grains
 Ext. Nucis Vomicæ 12 grains
 Ext. Belladonnæ.....12 grains

M. For 24 pills. Sig.—One pill to be taken three times a day after meals.—PARVIN.

In dyspepsia with sour stomach, use this formula:

℞ Calcium Carbonate.....36 grains
 Magnesium Carbonate..... $\frac{1}{2}$ drachm
 Sodium Chloride.....10 grains

M. For 12 tablets. Sig.—One or two as needed for sour stomach.—BOYNTON.

In chronic dyspepsia with deficient stomach secretion, use this formula:

℞ Acidi Nitro-hydrochlor. Dil.....6 drachms
 Liq. Strych..... $1\frac{1}{2}$ drachms
 Tinct. Aurantii..... $\frac{1}{2}$ ounce
 Tinct. Calumbæ..... $\frac{1}{2}$ ounce
 Infusi. Gentianæ, to make 10 ounces

M. Sig.—From a half to a small tablespoonful to be taken in half a glass of water three times a day after meals.—YEO.

In dyspepsia with sour stomach and bloating, use this formula :

℞ Sodii Bicarb.....1 drachm
 Sacchari.....1 drachm
 Spir. Ammoniæ Aromatic 40 minims
 Aquæ Menth. Pip 8 ounces

M. Sig.—One tablespoonful after each meal.

The above formula is known as soda mint, and is a very pleasant antacid drink.—FARQUHARSON.

In atonic dyspepsia of alcohol drinkers, use this formula :

℞ Acidi Hydrochlorici Dil.....6 drachms
 Tinct. Capsici.....4 drachms
 Tinct. Nucis Vomicæ.....2 drachms
 Tinct. Quassiæ, to make.....4 ounces

M. Sig.—One teaspoonful in water three times a day, after meals.

HOMŒOPATHIC TREATMENT :

Nux Vomica, 3x trituration. Ten grains every three hours.

Indications—Very dyspeptic; tongue red and sore, and coated yellow at the base with acid risings from the stomach, or vomiting of sour mucus in the morning; much excited by coffee, spirituous liquors, or highly seasoned food.

Pulsatilla Nigr., 3x dilution. Five drops every three hours.

Indications—Slow, imperfect digestion; the taste of the food, which is mostly sour, returns to and remains in the mouth a long time, with a feeling of great tightness of the stomach, loathing, nausea, and retching, especially after greasy food has been taken.

Antimonium Crudum, 2x trituration. Five grains every two hours.

Indications—The great key for the use of this drug is a thick, milky-white coating on the tongue. Stomach out of order, belching with taste of food, nausea, hard

stools, long lasting loss of appetite, with disgust for all foods; intense thirst, worse at night, and great desire for acids.

NO. 24.

RENAL COLIC.

PASSING OF CALCULUS OR STONE.

SYMPTOMS :

The patient is suddenly seized with pain of an agonizing character, which may last only a few minutes, ceasing as the stone enters the bladder, or it may last for hours, inducing nausea, vomiting, sweating, and even swooning and collapse.

TREATMENT :

In acute attacks, a physician should be employed to administer morphine hypodermically. Hot flannel cloths, or poultices should be applied over seat of pain. In recurrent attacks attention to elimination by the bowels, skin, and kidneys should receive the proper notice. Rochelle, or Epsom salts, two to four drachms for the bowels, and the following formula to promote diuresis and render the urine alkaline:

℞ Lithii Citratis.....1 drachm
 Ext. Hydrangeæ.....4 drachms
 Infusi Tritici, to make.....6 ounces

M. Sig.—Tablespoonful every four hours in water.

Hydrangea is an unofficial preparation, but is classified by Potter as of special importance in treatment of renal calculus by relieving the pain during the passage of renal concretions through the ureters (from the kidneys to the bladder), or in promoting the removal of gravel from the bladder.—GOULD.

HOMŒOPATHIC TREATMENT :

Kali Carb., 6x trituration. Ten grains before each meal.

Indications—To prevent the formation of calculi of a white calcareous appearance and irregular form. Great desire to urinate; cutting in the region of the bladder, and burning in urethra; urine depositing a sediment.

Calcarius Carb., 6x trituration. Ten grains before each meal.

Indications—Urine tinged with blood and fetid; acrid smell; burning in urethra, with violent stitches in the glands.

Phosphorus, 6x dilution. Five drops before each meal.

Indications—Brick dust, or white deposit in urine; smarting and burning in urethra.

No. 25.

SCIATICA.

Men are more often affected than women. The disease occurs most frequently between 30 and 50, and in the fall and winter, and usually on left side.

SYMPTOMS :

Onset usually sudden, with pain in the back of the thigh, running down the course of the nerve. It may extend up into the rump, but is most marked in thigh. Motion increases it; pain is dull and almost continuous, with paroxysms in which it is sharp, lancinating, burning, and of great severity. The duration of the disease is usually about 2 to 3 months, although it may last for a year or more. Recovery occurs in the majority of cases within 6 months.

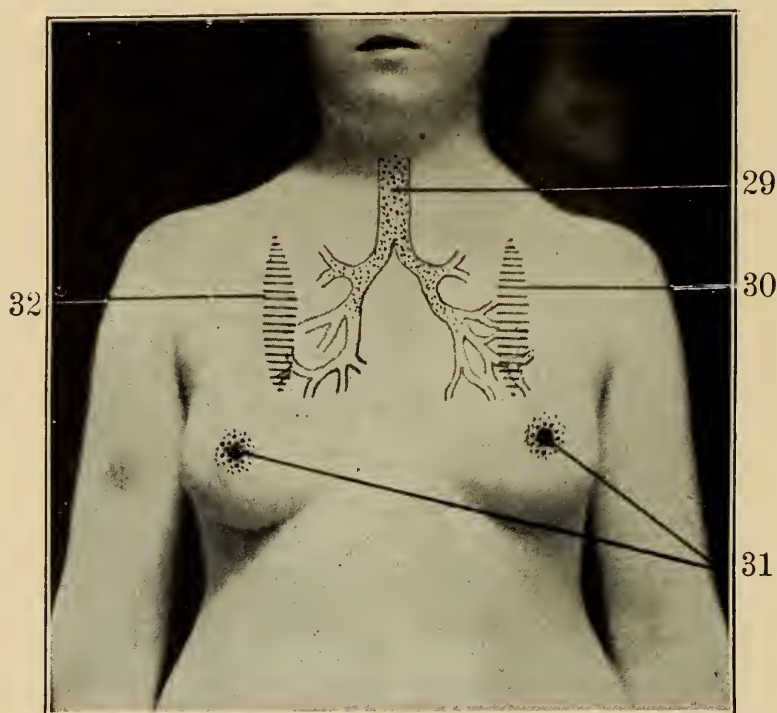
TREATMENT:

Applications of heat, as hot water bags, or soap-stone over seat of disease, do good in relieving pain.

℞ Ext. Belladonna.....3 drachms
 Petrolatum.....3 drachms
 Perfume, with essence of thyme, q. s.

M. Sig.—Rub in three times daily; the frictions should last for from five to ten minutes and discontinued when skin turns white or epidermis peels off.

The following treatment, says an old California doctor, will relieve all cases and cure 80 per cent.

PAIN.**Fig. 10.**

29. Bronchitis. See next two numbers.

30, 32. Pain in bronchitis. Use treatment No. 15.

31. Womb trouble. See Fig. 28 and 29.

If the patient is a lady of weak, nervous temperament use this formula :

℞ Oil Tiglii.....1 drop
Pulv. Lycopodii, to make 2 capsules.

M. Sig.—Take one at 8 A. M.; the other at 2 P. M.

If the case is one of true sciatica, i. e., congestion of sheath of nerve, the relief will be complete in 24 hours. If it is a case of rheumatic sciatica, it will be relieved but not cured.

If the case is that of a strong, robust man use this formula :

℞ Oil Tiglii.....3 drops
Lycopodii, to make 2 capsules.

M. Sig.—Take one capsule at 8 A. M.; the other at 4 P. M. if the first has not operated fully.

Should the case be one of a rheumatic type and is not cured, on the following day begin taking this :

℞ Balsam Copaibæ.....4 drachms
Tinct. Lavender Comp.....4 drachms
Tinct. Hyoseyami.....3 drachms
Bicarb. Potass.....1 drachm
Mucilage Acaciæ.....1 ounce
Aquæ 6 ounces

M. Sig.—One teaspoonful to be taken every four hours.

HOMŒOPATHIC TREATMENT :

Bryonia Alba, 3x dilution. Five drops every two hours.

Indications—The pains are tearing, with sharp stitches, increased by motion.

Chamomilla Tincture. Three drops every two hours.

Indications—When the pains are drawing, and there is a degree of numbness in the affected part; constant pain, worse at night, and great restlessness.

Colchicum, 3x dilution. Five drops every two hours.

Indications — Pains lacerating and jerking. Pain seems in the skin and muscles, and extending to the bone; sensitiveness of the body to cold. Usually the left side is affected.

NO. 26.

CRAMPS.

Many persons are subject to more or less frequent attacks of cramp, a painful, though temporary contraction of certain muscles. It occurs oftener at night than during the day; affects the muscles of the leg and foot more than other parts, and is usually without apparent cause. Simple cramp in the leg may sometimes be avoided by elevating the head of the bed so as to form a moderately inclined plane; or it may be averted at its onset by a tight ligature or cord applied around the leg above the parts threatened. Rapid friction with the hand is a popular method of reducing it during an attack; but inhalation of chloroform is effectual in obstinate cases. For permanent cure give about six cells of galvanic battery, with the negative pole over the thigh. Give for ten minutes every week or month.

HOMŒOPATHIC TREATMENT:

Ignatia Amara, 3x dilution. Five drops every hour.

Indications — Jerking and twitching, often of a single muscle; jerking or starting of a limb when going to sleep; tingling in the limbs.

Gelsemium Tincture, one drop every hour.

Indications — Used to relax the muscles.

No. 27.

NEURASTHENIA.

NERVOUS DEBILITY.

CAUSES :

Occurs most frequently between the ages of 20 and 50, but may occur before or after that age. Men and women are equally affected. The disease is found more frequently in cities, and among educated classes. The chief predisposing cause is inheritance of a neuropathic tendency. The exciting causes are : Severe shocks, with or without injury ; overwork and worry ; excessive use of stimulants and narcotics ; sexual excesses ; malaria, grippe, typhoid, or other debilitating diseases.

SYMPTOMS :

Are usually headache or mental depression. The headache is widely spread, and is chronic and persistent. It begins in the morning and lasts all day, but does not keep the patient awake at night. There may be mental depression, confusion, irritability, sensitiveness, or morbid reserve, or fear. The pain in the head is mainly a feeling of constriction, tenderness, burning, or pressure. Light but frequent dizziness is occasionally present in some cases, and there may be buzzings in the ears and head, and spots before the eyes.

There is general muscular weakness. The patient may not appear weak, but tires quickly. Sleep is not good or refreshing ; a feeling of weakness in the back of the neck and along the spine. There is often a tremor of the hands, tongue, lips, and eyelids, and in some, twitching of the muscles of the face and tongue. In men the sexual function is irritable and weak ; nocturnal emissions are frequent, and there may be partial or complete loss of manhood, and, in extreme cases, partial, or total loss of mind.

Neurasthenia is a curable disease if appropriate treatment be commenced before secondary structural changes set in, and render the use of the most approved measures of no avail.

TREATMENT :

Severe cases occurring in women are most successfully treated by a strict application of the rest cure. Absolute rest in bed, milk diet for a few days, then more substantial food may be given. When somewhat better an outdoor life without fatigue should be encouraged, with regular graduated exercise and a generous diet. Men seldom submit to the rest cure, but will take up wheeling, golf, rough camping, etc. These occupations should be kept up for a long time.—BROWN.

In chronic neurasthenia of long standing use the following:

℞	Iron Lactate.....	2 drachms
	Iron Arseniate.....	3 grains
	Ext. Nux Vomica.....	7 grains
	Ext. Gentian.....	45 grains

M. For 100 pills. Sig.—Two pills three times daily.

If the patient is greatly exhausted use this formula :

℞	Auri et Sodii Chloridi.....	2 grains
	Pulv. Resinæ Guaiaci.....	100 grains

M. For 20 capsules. Sig.—One capsule one-half hour before each meal.—BROWER.

If troubled with sleeplessness use this formula :

℞	Camphora Monobromata.....	48 grains
	Ext. Cannabis Indica.....	4 grains
	Ext. Hyoscyami.....	4 grains

M. For 24 pills. Sig.—One pill to be taken from two to five times daily.—DEBOVE and GOURI.

In neurasthenia with anemia (impoverished blood) due to disturbances of the stomach and intestinal tract, use this formula :

R	Ext. Sumbul	30 grains
	Asafoetidæ	60 grains
	Mist. Bland	90 grains
	Acidi Arseniosi	1 grain
	Strychninæ Sulph.	$\frac{1}{2}$ grain
	Phosphori	$\frac{1}{4}$ grain

M. For 30 pills. Sig.—One pill to be taken three or four times a day on an empty stomach.—MILLER.

Dr. Goodell advises the use of Sodium Bromide in the depressed, restless, and physically nervous cases. This may be given in liquid form, combined as follows:

R	Sodii Bromidi	$2\frac{1}{2}$ drachms
	Tinct. Nucis Vomicae	$1\frac{1}{2}$ drachms
	Infusi Gentianæ, to make	2 ounces

M. Sig.—One teaspoonful three times a day.

He emphasizes the danger of keeping up the bromide for any length of time in these cases. Nevertheless, if given at intervals, great good may be accomplished by its use.

HOMŒOPATHIC TREATMENT:

Phosphorus, 6x dilution. Five drops every two hours.

Indications—Headache usually occurs in the morning, sometimes in the evening; aggravated by warmth and excitement; relieved by repose, cold, and open air.

No. 28.

INFLAMMATION OF PROSTATE GLAND.

PROSTATITIS.

PROSTATE.—A term applied to the large heart-shaped gland below the neck of the bladder and behind the bulb of the urethra.

TREATMENT :

℞ Hydrargyri Chlor. Mit.....2 grains
 Sodii Bicarb 12 grains

M. For 6 powders. Sig.—One powder dry on the tongue every hour, last one at bed-time. To be followed next morning with Seidlitz powder if bowels do not move freely.

Indications—Used in the beginning of an acute attack.

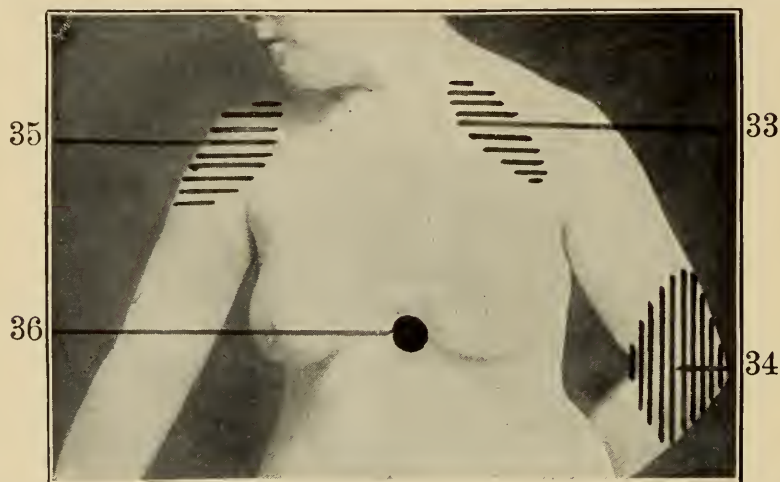
℞ Ext. Hyoscyami.....2 grains
 Ext. Opii.....6 grains
 Oil Theobromatis.....1½ drachms

M. For 6 suppositories. Sig.—One suppository by rectum not oftener than every six hours.

Indications—Used in acute and subacute prostatitis with bladder irritation and tenesmus.

℞ Ext. Glandulæ Suprarenalis.....4 drachms

M. For 48 capsules. Sig.—One to two capsules to be taken after each meal.

PAIN.**Fig. 11.**

33. Diseased Uterus. See Figs. 28 and 29.

34, 35. Articular Rheumatism. For treatment, use No. 17.

36. Ulcers of Stomach. For treatment, use No. 12.

Indications—Used in chronic enlargement of prostate gland.

℞ Tinct. Belladonna.....2 drachms
Potassi Acetatis.....4 drachms
Aquæ Menthæ Pip., to make.....2 ounces

M. Sig.—One teaspoonful three times a day between meals.

Indications—In spasmodic pains of enlarged prostate gland.—GUITERAS.

℞ Tinct. Veratri Viridis.....24 minims
Morphinæ Acetatis.....3 grains
Syr. Acidi Citrici, fl.....4 drachms
Liq. Potassi Citratis, to make.....4 ounces

M. Sig.—Two teaspoonfuls in water every two hours.

Indications—In acute prostatitis with bladder irritation and tenesmus, or with slight prostatic hemorrhage.

PROSTATORRHEA.

℞ Argenti Nitratis.....5 grains
Aquæ Dest, fl.....1 ounce

M. Sig.—Inject a few drops into urethra once daily with deep urethral syringe.

Indications—When resulting from old gonorrhœa.

℞ Ext. Ergotæ.....24 grains
Ext. Nucis Vomicæ.....6 grains
Ext. Gentianæ.....24 grains

M. For 24 pills. Sig.—One pill to be taken three times a day after meals.

Indications—When result of masturbation. Also daily use of cold metal sound.

℞ Tinct. Nucis Vomicæ.....16 minims
Tinct. Cantharides.....8 minims
Liq. Ferri et Ammonii Acetatis.....8 ounces

M. Sig.—Tablespoonful three times a day after meals.

Indications—In anemia and relaxation.—M. M.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every hour.

Indications—Dry heat and sensitiveness of the affected part; pain, with thirst, and flushed face. Retention of urine, with pressure in the bladder; urine scanty, highly colored, voiding difficult, with burning at the neck of the bladder.

Belladonna, 2x dilution. Five drops every hour.

Indications—Difficulty in voiding urine; retention; frequent desire to urinate; copious emissions; inability to retain the urine.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—Chilliness, particularly during the evening; fever attended with flushed face and severe headache.

NO. 29.

ANGINA PECTORIS.

A SYMPTOM, NOT A DISEASE.

CAUSES :

With very rare exceptions angina pectoris, or breast pang, is associated with thickening or hardening of the walls of arteries, which may be general or local, but in either case affects the aorta (the large artery from the left side of the heart), at the heart. The exciting causes of an attack are muscular exertion, strong mental emotion, stomach distention or disturbance, and exposure to cold. The attacks, in the great majority of cases, affect men, usually over 40 years of age.

SYMPTOMS :

The attack begins suddenly, with pain, usually intense and excruciating, in the region of the heart. The pain radiates into the neck, the left shoulder, and down the arm to the fingers. The face is pale or ashy gray

and betrays a feeling of great anxiety. The face and body are often covered with large drops of perspiration. A sense of impending death is a usual characteristic symptom.

The attack lasts from a few seconds to two minutes, and often terminates with belchings, nausea, and vomiting, or the passing of a large quantity of clear pale urine.

TREATMENT:

Prevention of the attacks in persons who are subject to them is of the most importance. In order to do this all known exciting factors are to be rigidly avoided. The patient should carry constantly in a convenient pocket amyl nitrate to inhale by placing from three to five drops, according to the severity of the attack, on a handkerchief upon the first indication of an approaching paroxysm. This drug must be used with judicious care, and under no circumstances should more than five drops be used at any one time.

During the intervals between the attacks take internally the following preparation:

℞ Tinct. Aconiti Rad 48 minims
Sodii Bromidi $\frac{1}{2}$ ounce
Elix. Simplicis 3 ounces

M. Sig.—One teaspoonful to be taken three times a day.

Indications—In hypertrophy (thickening and hardening) of left ventricular or aorta.—ANDERS.

When the attacks come on periodically, usually at night, and lasting from one to two hours, with a sensation of fulness, and the pain widely distributed over the chest, and the patient agitated and active, use the following:

℞ Ferri Reducti 100 grains
Acidi Arsenosi 4 grains
Phosphori 1 grain
Ext. Nucis Vomicae 25 grains

M. For 100 pills. Sig.—One pill after each meal.

Indications—In nervous, anemic, and debilitated cases.

HOMŒOPATHIC TREATMENT :

Arsenicum Alb., 3x trituration. Five grains every hour.

Indications—Agonizing pain in the heart, and shortness of breath, with trembling, and irregular motion of the heart. Pulsations weak, but rapid, or intermittent. Worse after midnight, in cold damp air, and after eating and drinking something cold. Better in warm air, or lying down with head elevated.

Kali Phos., 6x trituration. Five grains every hour.

Indications—Heart action weak or intermittent, or a tendency to fainting.

Spigelia, 3x dilution. Five drops every hour.

Indications—Can lie only on right side with body elevated; motion causing shortness of breath, and anxiety.

No. 30.

COCCYODYNIA.

PAIN IN MUSCLES ATTACHED TO LOWER END
OF BACKBONE.

COCCYODYNIA.—Neuralgia of the lower branches of the posterior branches of the sacral nerves. It occurs most frequently in women, and is due mainly to labor, injury, and exposure. Coccygeal pains occur in spinal irritation and also reflexly from disease of womb, and piles.

TREATMENT :

R	Ext. Belladonna.....	2 grains
	Ext. Hyoseyamus.....	2 grains
	Iodoform.....	2 grains
	Cacao Butter.....	160 grains

M. For 8 suppositories. Sig.—One suppository to be passed into the rectum every evening at bed-time.

HOMŒOPATHIC TREATMENT :

Magnesium Phos., 2x trituration. Five grains in hot water every two hours.

Indications—Sudden and violent pain in region of coccyx.

Causticum, 3x dilution. Five drops every hour.

Indications—Dull, drawing pain in region of coccyx, and every movement causes pain in the small of the back.

Mercurius, 3x trituration. Ten grains every three hours.

Indications—Severe pain in region of coccyx; pain in small of back, worse at night.

No. 31.

GOUT.

SYMPTOMS :

ACUTE GOUT.—The attack usually occurs between the hours of 12 to 2 A. M., often without warning, in a person whose family history shows the lithæmic diathesis, or who has acquired it by constant overindulgence in meat food, wines, or malt liquors; by sedentary habits; fast life; or by privation (poor man's gout). The attack is usually brought on by overeating, exposure, or injury.

The onset is sudden, with excruciating, vice-like

pain in the first great-toe joint, chill, fever, marked restlessness, and sleeplessness. By morning the pain lessens, the joint is swollen, and the skin red, tense, and shining. During the day the pain may disappear, returning at night. An attack may last from 5 to 8 days, or longer, with gradual amelioration of all symptoms.

TREATMENT :

℞ Vini Colchici Sem. 3 drachms
Spir. Ammon. Arom. 2 ounces

M. Sig.—One teaspoonful every three hours in water.

Indications—To increase the secretions from the skin, the intestinal mucous membranes, and the kidneys, thereby removing the cause of the complaint.—BARTHOLOW.

℞ Tinct. Aconiti Rad. 1 drachm
Morphinæ Sulph. 2 grains
Antimonii Tartarati 1 grain
Syr. Zingiberis $\frac{1}{2}$ ounce
Aquæ, to make. 2 ounces

M. Sig.—One teaspoonful every three hours in water.—YEO.

J. C. Wilson gives the following in his “Text-book of Applied Therapeutics” as recommended by Lauder Brunton :

℞ Vini Colchici, fl. $\frac{1}{2}$ ounce
Magnesii Carbonatis. 1 drachm
Magnesii Sulph. $\frac{1}{2}$ ounce
Aquæ Menth. Pip., to make. 6 ounces

M. Sig.—One teaspoonful to be taken every four hours while the pain is troublesome.

For a local application use the following :

℞ Atropinæ. 2 grains
Morphinæ Hydrochlor. 15 grains
Acidi Oleici. 1 ounce

M. Ft. liniment. Sig.—To be painted over the painful joint with a large camel’s hair brush, and wrapped with carded cotton, and then with towel bandage.—SIR DYCE DUCKWORTH.

If the case is one of long standing use this:

℞ Piperazini 1 ounce

M. For 32 capsules. Sig.—Dissolve the contents of one capsule in a pint of water, and take a wineglassful every two hours through the day.

Indications—Used in chronic gout as a diuretic (to increase discharge of urine), and solvent for uric acid and urates.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every two hours.

Indications—Used when the attack commences with much fever.

Pulsatilla, 3x dilution. Five drops every two hours.

Indications—Used when the attack commences with shivering and creeping chills, and pains are principally in the great toe.

PAIN.

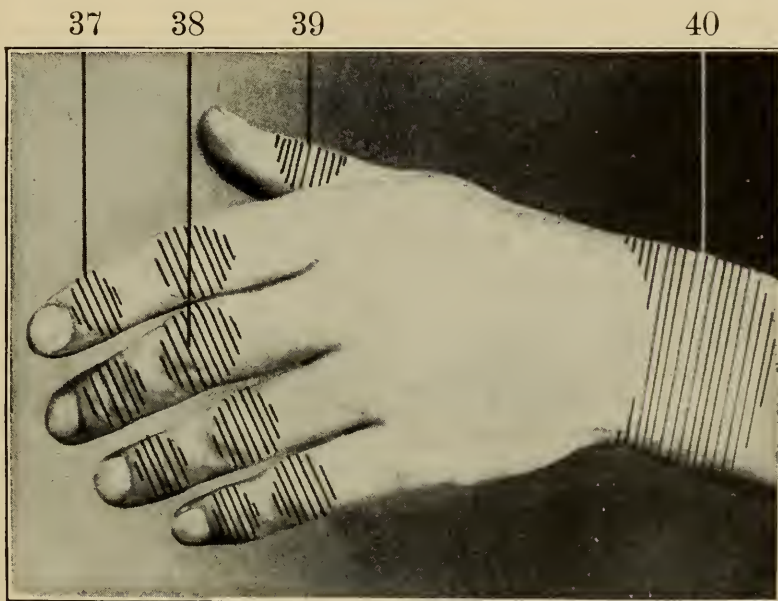


Fig. 12.

37, 38, 39. Arthritis deformans (enlarged joints). Use No. 18.
40. Articular (joint) rheumatism. For treatment use No. 17.

Bryonia Alba, 3x dilution. Five drops every two hours.

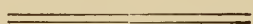
Indications—Used when the attack commences in the foot, knee, and calf of the leg.

Rhus Tox., 12x dilution. Five drops every two hours.

Indications—Used when the entire foot is equally painful.

Colchicine, 3x trituration. One grain every hour.

Indications—To be used until a decided action of the bowels is obtained.



No. 32.

CYSTITIS.

INFLAMMATION OF BLADDER; CATARRH OF BLADDER.

SYMPTOMS :

The symptoms of acute cystitis (inflammation of the mucous or lining membrane of the bladder) are very marked. Pain, irritability of bladder, painful and frequent desire to urinate, fever, and urinary changes are all pronounced. Prominent among these is pain, which may be most intense, and is the earliest and most persistent manifestation of the disease. Its seat is the suprapubic region (see pain 50 in Fig. 14, or pain 135 in Fig. 28), whence it may radiate to the upper portion of the thighs; it is most constant, but is worse just before urinating, by which it may be lessened. It is considerably relieved by lying down, and aggravated by pressure over the bladder. As the inflammation diminishes the pain gradually disappears, and the entire attack may subside in a few days or a week.

In very severe cases there is an almost constant desire to urinate, and the urine may contain blood in considerable quantities.

TREATMENT :

℞ Benzoate of Sodium.....15 grains
Pure Gum Turpentine.....15 grains
Norway Tar.....15 grains

M. For 30 pills. Sig.—One pill every two hours. At meals a tea made of buchu, or uva ursi, should be taken.

Indications—Used when the urine is alkaline.

Hot applications and hot bathing over seat of pain, will do much to relieve the pain and tenesmus.—BAZX.

℞ Liq. Potassæ 2 drachms
Musil. Acaciæ 1 ounce
Tinct. Hyoscyami, to make.....4 ounces

M. Sig.—One teaspoonful every four hours.

Indications—Used when there is an excess of acid in the urine.—FOSTER.

[NOTE.—The symptoms in cystitis, whether the urine is acid or alkaline reaction, are just the same, and without first having the urine tested, it is only by a trial of one of the above recipes that this can be determined.]

If the case is that of an aged person, the first recipe is likely to be the remedy desired, but if it is that of a young person, use the latter treatment.

℞ Acetate Potass..... $\frac{1}{2}$ ounce
Tinct. Belladonna.....2 drachms
Syrup Simp., to make 4 ounces

M. Sig.—One teaspoonful three times a day.

Indications—Used when there is a frequent desire to urinate, and burning sensation in urethra.

℞ Acetate Potass..... $\frac{1}{2}$ ounce
Liq. Ammon. Acetate.....2 ounces
Spirits Æth. Nit.....1 ounce
Syr. Aurant. Cort., to make.....4 ounces

M. Sig.—One teaspoonful every four hours.

Indications—Used when there is burning in urethra, frequent desire to urinate, and brick dust deposit in urine.

Eat no fruit, lemons, pickles, vinegar, in fact, nothing sour until all trouble is cured.

℞	Ext. Hydrangeæ.....	2 drachms
	Tinct. Gentinæ Compositæ.....	4 drachms
	Tinct. Staphisagriæ.....	$\frac{1}{2}$ drachm
	Tinct. Cannabis Indicæ.....	$\frac{1}{2}$ drachm
	Syr. Aurantii, to make.....	4 ounces

M. Sig.—One teaspoonful to be taken three times a day.

Indications—Used in senile cystitis (very old persons).
—HOPKINS.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Three drops every half hour.

Indications—Used in the beginning of the disease, when there is fever, with thirst, pain, and tenderness in the region of the bladder.

Cannabis Sat., 3x dilution. Five drops every hour.

Indications—Used when there is almost complete stoppage of urine; a constant urging, particularly at night, the urine passing off in drops, with severe burning pain.

Cantharis, 3x dilution. Five drops every hour.

Indications—Used when the urging to urinate is violent, but ineffectual, passing but a few drops, with severe burning and stinging pains in the region of the bladder, before and after urinating.

Phosphorus, 6x dilution. Five drops every three hours.

Indications—Used when the inflammation is of a catarrhal character; aching, burning, and cutting pains in region of bladder; and the urine deposits a milky sediment.

Dulcamara, 3x dilution. Five drops every two hours.

Indications — Used when there is an urging to urinate, passing but little at a time, and a deposit of a mucous sediment.

NO. 33.

DR. WILFORD HALL'S SECRET REMEDY.

The late Dr. Hall of New York for a number of years imparted to individuals, at the rate of \$4.00 per head, a secret method of curing disease, which he claimed to have discovered. Now all there is to the great secret is the flushing of the colon, by rectal injections, with hot water. It affords immediate relief in all cases of stomach and bowel trouble, and by adding a little salt to the water, will, in most cases, effect a cure in genuine Asiatic Cholera. Used before hand, in time of danger, it would be an absolute safeguard. It amounts to a sort of house-cleaning and renovating process for the physical system, and when followed up for a sufficient length of time, thoroughly purges, cleanses, and rejuvenates the whole body.

It is a specific for kidney, liver, and lung trouble, relieving those organs of accumulated effete matter and congestion. It cleanses and beautifies the skin, and for this purpose is of great value to ladies who desire a clear complexion. It affords relief and cure to almost all female disorders. The water should be used at bedtime, warm as can be borne, and taken in abundance — all that can be taken, from a quart to a gallon, and after discharging it thoroughly, inject about a pint more, with a little salt added, and retain until morning.

When used for precautionary purposes, or for the general health, it should be used every third or fourth night, just before retiring. A common rubber bulb

syringe procured at any drug store for 75 cents or \$1.00 will answer the purpose. Salt, capsicum, slippery elm, lobelia, and other things may be used with advantage in the water in cases where any such remedies are indicated by such conditions.

A tea made of ground flax-seed, strained through muslin, and a teaspoonful of boracic acid added to each quart, is the best remedy known for treating catarrh or inflammation of the rectum (proctitis), colon (colitis), ileo-cæcal valve, cæcum, appendicitis, flux or dysentery. The same treatment is most excellent for children, but the amount used must be in proportion to the size and age of the child.

NO. 34.

LUMBAGO.

MUSCULAR RHEUMATISM; MYALGIA.

Lumbago is a common and painful disease of the muscles of the back, and is usually caused by exposure to cold, damp, and strong air-currents, especially after heavy exercise or during free perspiration.

SYMPTOMS:

The most conspicuous local symptom is pain, which is sometimes sharp, lancinating, and paroxysmal, though it may be deeply seated, dull, and constant. It is aggravated at night by contraction of the affected muscles, by weather-changes, and in acute forms by pressure. Motion, such as stooping or turning the body, or rising from the sitting position, causes intense pain. The duration ranges from a few hours to a few days, but may be much longer.

TREATMENT :

For an external application use the following :

℞	Aquæ Lime.....	30 parts
	Oil Olive.....	30 parts
	Chloral.....	30 parts

M. Liniment. Sig.—Apply to affected muscles by energetic rubbing.—MASSE.

Take internally :

℞	Ammonii Chloridi.....	3 drachms
	Liq. Hydrarg. Perchloridi.....	2 drachms
	Spir. Chloroformi.....	2 drachms
	Infusi Gentianæ Comp. q. s. ad.....	6 ounces

M. Sig.—From a half to a small tablespoonful in water three times a day.—BERNICE.

℞	Potass. Iodidi.....	2 drachms
	Potass. Bromidi.....	2 drachms
	Tinct. Colchicum Seed.....	1½ ounces
	Syrup Orange Peel.....	2 ounces
	Aquæ, to make.....	6 ounces

M. Sig.—One teaspoonful three or four times daily, or increased up to causing loose movements of the bowels.—HOLLISTER.

Professor Burggræve recommends the application of a mixture of equal parts of collodion, tincture of iodine, and ammonia water, applied widely over the affected region with a camel's hair brush, as an "instantaneous" remedy for lumbago.

A hypodermic injection of morphine into the muscles of the back will, if injected while in its first stages, cure lumbago in 30 minutes, but this should be administered by a physician.

HOMŒOPATHIC TREATMENT :

Rhus Tox., 12x dilution. Five drops every hour.

Indications—Great restlessness, rolls about in bed, which feels too hard, pain is less when moving about, increased when quiet, and in cases which come on during stormy weather.

Aconite, 3x dilution. Five drops every hour.

Indications—Burning, or fine stinging pains in the back. Restlessness and tossing about in bed.

PAIN.

41 42 43 44 45 46 47



Fig. 13.

- 41. Coc-cy-o-dyn'i-a. For treatment use No. 30.
- 42. Ovaries. See Figs. 28 and 29.
- 43. Irritation of spinal cord. For treatment use No. 39.
- 44. Loaded colon. For treatment use Dr. Hall's treatment, No. 33.
- 45. Splenitis. Use treatment No. 19.
- 46. Torpid liver. Use treatment No. 20.
- 47. Spinal irritation. Use treatment No. 39.

No. 35.

SYNOVITIS.

SYNOVITIS.—Gonorrhœal arthritis or gonorrhœal inflammation of the synovial membrane surrounding a joint, commonly known as gonorrhœal rheumatism.

TREATMENT :

℞ Liq. Plumbi Subacetatis.....1 ounce
 Tinct. Opii.....1 ounce
 Aquæ Bull., to make 32 ounces

M. Sig.—Apply to joint with soft cloths wrung from this solution three or four times daily, and place joint at rest.

Indications—Used in acute synovitis. The solution may be used hot, and the joint surrounded with hot water bags, or if more agreeable to patient, may be used ice-cold, and joint surrounded with ice-bags. A rubber bandage, firmly wrapped, frequently relieves pain and swelling.

℞ Sodii Salicylatis.....4 drachms
Aquæ Menthæ Viridis, to make.....3 ounces

M. Sig.—Teaspoonful in water every four hours.

Indications—Used in rheumatic synovitis.

℞ Oil Terebinthinæ.....4 drachms
Ungt. Belladonnæ.....1 ounce
Ungt. Hydrargyri.....4 drachms
Creati. Plumbi Subacetat., q. s., ad...4 ounces

M. Sig.—Apply to joint, on surgeon's lint, and renew twice daily.

Indications—Used in acute and subacute cases.

℞ Collodii Cantharidati.....1 ounce

M. Sig.—Apply on several spots the size of a silver dime around the joint, and when blisters are formed, open and let out the fluid. Repeat the application several times a week.

Indications—Used to cause absorption of fluid from joint in subacute and chronic synovitis.

℞ Chloral Hydrate..... $\frac{1}{2}$ ounce
Acid Carbolici..... $\frac{1}{2}$ drachm
Aquæ, to make.....1 pint

M. Sig.—Apply, as hot as possible, upon layers of lint, changed every hour and covered with oiled silk.—J. A. M. A.

HOMŒOPATHIC TREATMENT :

Aconite, 3x dilution. Three drops every hour.

Indications—Used when the parts are swollen, bright red, and shining; sensitive to the slightest touch; high fever; worse in the evening and at night.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—Used when the pain is increased by

motion, with painful stiffness of the affected parts, and rheumatic red shining swelling.

Belladonna, 3x dilution. Three drops every hour.

Indications—Used when the pain is violent; trembling of knees, and sensation as if they would give way, particularly in walking down stairs.

Sulphur, 6x trituration. Five grains every three hours.

Indications—When the pain is of a stiffening character, with a degree of rigidity in the tendons under the knee; painful, and swollen or puffed and dropsical.

NO. 36.

HEMICRANIA.

MIGRANE; SICK HEADACHE.

Hemicrania is a nervous affection or disease characterized by severe attacks of pain or headache affecting one half or side of the head, often paroxysmal and more or less periodic, with disturbances of vision and with or without nausea and vomiting.

This affection is frequently hereditary, and a large majority of the cases are transmitted by or through the mother. Females are more frequently affected than males, and hemicrania seems to be associated with diseases peculiar to women, especially menstrual disorders.

SYMPTOMS:

As a rule, the patient can foretell an attack. In the cases of slow onset there is a feeling of languor, with general discomfort and perhaps nausea. In other cases, disturbances of vision, lasting from a few minutes to several hours, are most common. There may be seen

flashes of light, spectra, visions of animals or weird forms, or darkness, etc. After these have existed for some time headache begins, when, as a rule, they cease. The pain, at least in the beginning, is usually on one side, though later it may and often does affect the entire head, or spread from a single point over one eye.

The disease generally begins in early life, recurring with a certain degree of periodicity until old age, when it often passes away. It may cease in women at the change of life, and in men between the fortieth and fiftieth years.

The prognosis is good so far as life is concerned, but is incurable, though the condition of the patient may be greatly alleviated.

TREATMENT :

R	Caffein. Citrat.....	$\frac{1}{2}$ drachm
	Phenacetin.....	$\frac{1}{2}$ drachm
	Sodii Bicarb.....	$\frac{1}{2}$ drachm
	Pulv. Aromat.....	12 grains

M. For 12 powders. Sig.—One every three hours.

Indications—To relieve pain during an attack, but should be discontinued in twenty-four hours and replaced with the following:

R	Potassii Bromidi.....	$2\frac{1}{2}$ drachms
	Liq. Ammon. Acetatis, q. s. ad.....	2 ounces

M. Sig.—One teaspoonful in water every three to four hours.—ANDERS.

Between attacks the general health should be looked after. The bowels should be kept soluble by means of the following:

R	Potassii Sulphat.....	2 grains
	Sodii Bicarb.....	8 grains
	Sodii Chlorid.....	20 grains
	Sodii Sulphat.....	2 drachms
	Magnes. Sulphat.....	2 drachms

M. Sig.—A dessertspoonful to be dissolved in a wineglass of water and taken each morning before breakfast.—ANDERS.

If anemia (impoverished blood) be present use treatment No. 56.

If nervous debility is present use treatment No. 27.

If biliousness be present use treatment No. 20.

If hysteria be present use No. 54.

The uric-acid diathesis is common in subjects of hemicrania, and for this, Chauffard prescribes the following:

R	Sodii Salicylatis	24 grains
	Sodii Benzoatis	24 grains
	Carlsbad Salts	36 grains

M. For 24 capsules. Sig.—One capsule at meal time. This treatment should be continued for one week in each month for several months, or a year.

HOMŒOPATHIC TREATMENT:

Aconite, 6x dilution. Three drops every half hour.

Indications—Headache with heat and redness of the face; fulness and heaviness in forehead, or compressed feeling in forehead on entering a warm room.

Bryonia Alba, 3x dilution. Three drops every half hour.

Indications—Used when the pain comes on in the morning, and when increased by stooping.

Nux Vomica, 3x trituration. Five grains every two hours.

Indications—Used in one-sided headache with nausea and vomiting; severe pain in forehead; scalp sore with a bruise-like feeling.

Sulphur, 6x trituration. Five grains every three hours.

Indications—Nightly headache, with pressure in forehead, or headache with dizziness.

Pulsatilla, 3x dilution. Five drops every two hours.

Indications—Tearing pain in one side of the head, with heaviness of head when stooping, and pain increased on moving the eye-balls, deep in the sockets.

No. 37.

HIP-JOINT DISEASE OR INJURY.

If pain be increased by sudden changes in the weather, use the following :

℞ Sodium Salicylate..... $3\frac{1}{2}$ drachms
Aquæ, to make.....3 ounces

M. Sig.—One teaspoonful every two hours until slight ringing in the ears, or less if pain ceases.

The following is recommended for chronic affections of joints :

℞ Iodide of Potass.....4 parts
Extract Conium.....4 parts
Glycerole of Starch.....30 parts

M. Sig.—Rub well into joints several times daily.

HOMŒOPATHIC TREATMENT :

Calcarea Carb., 3x trituration. Five grains before each meal.

Indications—Thin, pale face; dark streaks beneath the eyes, or a puffed, doughy-looking face; enlarged upper lip; dryness of the nose, and soreness of the nostrils; tumid swelling before the ears, and a scabby, or moist eruption, behind them; itching of the eyes, or a swelling and redness of the lids, and frequent sticking together of mornings; slight wounds are apt to fester and not heal readily; appetite variable; belching after eating; stomach distended; abdomen enlarged; bloating pains and constipation; or diarrhœa, having a sour smell, particularly in children; irritable temper; and, in females, a milky-appearing leucorrhœa (whites).

Kali Carb., 6x trituration. Five grains after each meal.

Indications—Drowsiness during the day and restlessness at night; swelling of glands in armpits; dryness

of skin; yellow scaly sores, with itching and burning; eyes painful, with weakness of sight; teeth sensitive and prone to loosen; loss of appetite; abdomen distended; colicky pains; irregular bowels; languid feeling, and disinclination to mental and physical exertion.

Silecia, 6x trituration. Five grains every evening.

Indications—Pale face; swellings and small hardened ulcers on the lips; rough scurf behind the ears; loss of smell; sore nose, with itching; thirst; loss of appetite, and irritable temper.

Sulphur, 6x trituration. Five grains every evening.

Indications—Skin rough and covered with dry, scaly eruptions; pale bloated face; cold hands and feet; loss of appetite; sour belchings, and colicky pains.

[NOTE.—Hip-joint disease usually occurs in children, is a constitutional disease, causing many symptoms, and, like scrofula, requires a long and persistent routine of constitutional treatment, and for this reason, better results will be obtained by a change of medicine at least once a month by substituting one for another of the above remedies as the symptoms may indicate.]

No. 38.

MUSCULAR RHEUMATISM.

MYALGIA.

Muscular rheumatism is a common, painful disease of the muscles, but by some authors is believed to be a general disease with local symptoms.

The leading varieties are: Lumbago (see Fig. 17 or 24, and treatment No. 34), pleurodynia, and myalgia of the neck or arm.

Pleurodynia.—This term implies intercostal (between

PAIN.

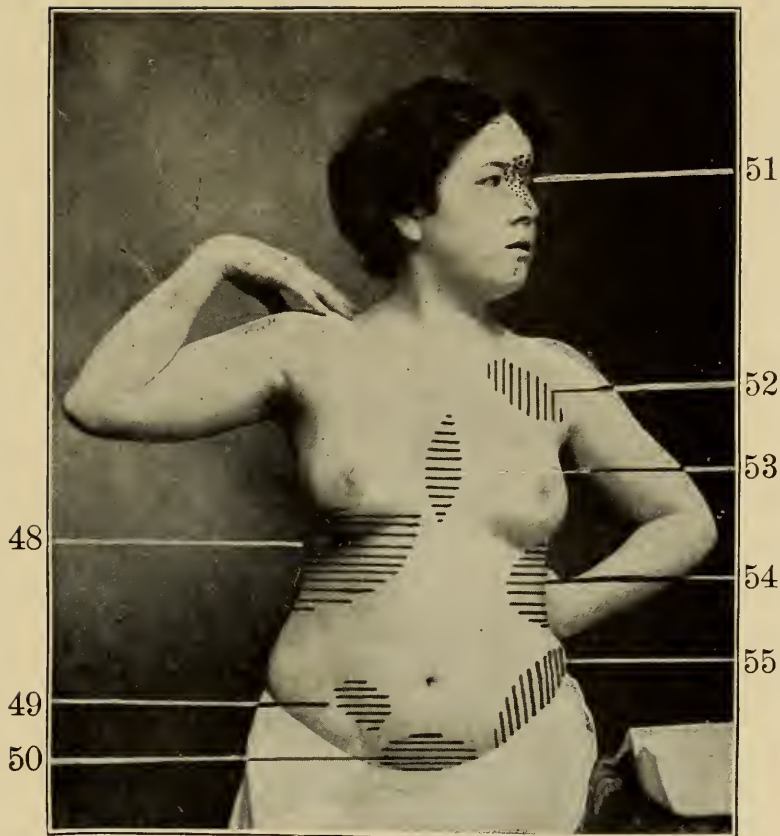


Fig. 14.

- 48. Disordered liver. If tenderness and fulness, use No. 20. If pain is constant and severe, use No. 44.
- 49. Appendicitis. Use treatment No. 21.
- 50. Catarrh of bladder; diseased womb. For catarrh of bladder, use No. 32. If womb trouble, see Figs. 28 and 29.
- 51. Grippe. For treatment, use No. 22.
- 52. Womb trouble. See Figs. 28 and 29.
- 53. Stomach trouble. See pain 65, Fig. 16.
- 54. Dyspepsia; constipation. Use No. 1, or No. 23.
- 55. Renal colic. Use treatment No. 24.

ribs) muscular rheumatism. It is unilateral, and oftener affects the left than the right side, and causes untold suffering, and is greatly aggravated by breathing. The pain is also intensified by pressure, vomiting, etc., and by movement of the body, sneezing, and coughing.

Myalgia of Neck (Torticollis, usually called wry-neck, or stiff-neck).—Here the muscles, some or all, on one side of the neck, and at times the throat, are implicated. The head is held toward the affected side, so as to relax the group of muscles involved, and on attempting to turn it the patient rotates his entire body in a pivot-like manner.

TREATMENT :

Hot-water applications, sponging with water as hot as can be borne, or dry heat in the form of bags filled with heated salt or heated hops, or covered with flannel, over which a warmed flat-iron may be passed for a few minutes, do good service in giving relief.

For internal treatment use the following :

℞ Ext. Cimicifuga Fl. 1 ounce
Ext. Erythroxylon Fl. 1 ounce
Tinct. Guaiac. Ammon. Fl. 1 ounce

M. Sig.—Teaspoonful in water three times daily.

For an external application use this formula :

℞ Baume de Fioraventi. $2\frac{1}{2}$ drachms
Spir. Camphoræ. $2\frac{1}{2}$ drachms
Spir. Terebinth. 45 minims
Chloroformi 75 minims
Menthol. 30 grains

M. Sig.—Apply with slight friction several times daily.—LYON.

In rheumatic or gouty subjects use this formula :

℞ Potassii Iodidi. 1 drachm
Sodii Salicylatis. 1 drachm

M. For 24 compressed tablets. Sig.—One to two tablets by mouth after each meal.

HOMŒOPATHIC TREATMENT:

Rhus Tox., 12x dilution. Five drops every hour.

Indications—Used when caused by sudden changes in the weather; great restlessness; pain worse when quiet; relieved by motion.

Aconite, 3x dilution. Five drops every hour.

Indications—Used when the pain is stinging or burning in character, with great restlessness.

No. 39.

SPINAL IRRITATION.

Spinal irritation usually occurs as a result of nerve-tire, over-work, and the like, and is characterized by a notable lack or insufficiency of nerve-force. In these subjects sleeplessness and neuralgic pains are very common.

TREATMENT:

℞ Iron Lactate.....	2 drachms
Iron Arseniate.....	3 grains
Ext. Nux Vomica.....	7 grains
Ext. Gentian.....	45 grains

M. For 100 pills. Sig.—Two pills to be taken three times a day.

For the neuralgic pains, if present, use the following:

℞ Ferri Reducti.....	100 grains
Acidi Arseniosi.....	4 grains
Phosphori.....	1 grain
Ext. Nucis Vomicæ.....	25 grains

M. For 100 pills. Sig.—One pill after each meal.

Indications—Used in anemic (impoverished blood) and debilitated cases. Fleishy persons are not exempt from this trouble; may be great sufferers.

For the sleeplessness (insomnia), if present, use the following:

℞ Syr. Chlor., Fl.....3 drachms
 Syr. Simp., Fl.....4 drachms
 Aquæ Cinnamoni, to make.....3 ounces

M. Sig.—One teaspoonful at night.—HARE'S PRACTICAL THERAPEUTICS.

HOMŒOPATHIC TREATMENT:

Natrum Mur., 6x trituration. Five grains every meal-time.

Indications—Easily fatigued, restlessness of limbs, sleeplessness, pain in back, headache on walking, salty taste, no appetite, vision dim after reading, and at times only half of the object is seen.

Silecia, 12x trituration. Five grains every evening.

Indications—Spinal irritation alternating with offensive foot-sweat. Stiffness of neck, headache, weak back and paralyzed feeling in lower limbs. Has yellow, rough finger-nails, icy-cold feet, unhealthy skin, and slight injuries suppurate (fester).



No. 40.

DEBILITY.

WEAKNESS OR FEEBLENESS; DECAY OF STRENGTH, EITHER OF MIND OR BODY.

SYMPTOMS:

The patient has a feeling of languor and weakness and tires easily. There is usually some shortness of breath on exertion and the movements are slow and made with evident effort. The heart sounds are weak and the pulse quickens unduly after gentle exercise.

TREATMENT :

℞	Elixir Gent. and iron.....	4 ounces
	Lac. Pepsine	3 drachms
	Bismuth Sub-nit	3 drachms
	Sherry Wine, to make.....	8 ounces

M. Sig.—One teaspoonful after each meal. Shake well each time before using.

Indications—Used to build up a worn-out or broken-down system.

℞	Phosphori	$\frac{1}{2}$ grain
	Acidi Arseniosi	1 grain
	Ferri Reducti	20 grains
	Strychninæ Sulphatis.....	1 grain

M. For 60 pills. Sig.—One pill after each meal.

Indications—Used in debility with anemia, or sexual weakness.

No. 41.

ACUTE AND CHRONIC PHARYNGITIS.

The most common causes of acute pharyngitis are exposure to cold, digestive disorders, rheumatism, or gout. The symptoms are dryness and soreness of the throat, difficulty in swallowing, slight chilliness, and fever. Constant desire to clear the throat, the neck is stiff; may cause hoarseness, and slight deafness.

Chronic Pharyngitis.—“Clergyman’s sore throat,” may result from repeated acute attacks, and often occurs in smokers and persons who make much and vigorous use of the voice.

The symptoms are a constant hawking, with a dropping of mucus from the upper pharynx. Occasionally the throat is dry and glistening.

TREATMENT :

℞ Tinct. Aconiti.....6 minims
 Sodii Salicylatis.....2 drachms
 Aquæ Menthæ Viridis, Fl.....3 ounces

M. Sig.—One teaspoonful undiluted every hour.

Indications—Used in acute pharyngitis, with moderate fever and quickened pulse.

℞ Liq. Potassii Arsenitis..... $\frac{1}{2}$ drachm
 Sacchari Lactis.....45 grains
 Alcohol, q. s.

M. For 30 tablets. Sig.—One tablet after meals.

Indications—Used in subacute (stage of disease between acute and chronic) and chronic pharyngitis.

℞ Acidi Carbolici.....8 minims
 Glyceriti Acidi Tannici.....2 ounces
 Tinct. Capsici $\frac{1}{2}$ drachm
 Mellis Rosæ.....1 ounce
 Aquæ Rosæ, to make.....8 ounces

M. Sig.—Use as a gargle every four hours.

Indications—Used in swollen sore throat with elongated or enlarged uvula (palate).

℞ Sodii Salicylatis.....1 drachm
 Phenazoni.....24 grains
 Aquæ, to make.....3 ounces

M. Sig.—Teaspoonful undiluted every hour.

Indications—Used in acute and subacute pharyngitis in rheumatic subjects.

℞ Iodi..... $3\frac{1}{2}$ grains
 Potass. Iodidi..... $4\frac{1}{2}$ grains
 Tinct. Opii 45 minims
 Glycerini.....4 ounces

M. Sig.—Apply locally with a swab to the back of the throat two or three times a week.

Indications—Used in granular pharyngitis.—M. MOURE.

HOMŒOPATHIC TREATMENT.

Aconite, 3x dilution. Five drops every half hour.

Indications—Acute inflammation of the throat, with

dryness; internal swelling, and piercing or drawing sensation in throat.

Belladonna, 3x dilution. Five drops every half hour.

Indications—Violent burning in throat, dry, swollen, contracted, and very difficult to swallow; face flushed.

Carbo. Veg., 3x trituration. Five grains every hour.

Indications—Hawking; scratching, tingling, or rawness of the throat.

Causticum, 3x trituration. Five grains every hour.

Indications—Tough, tenacious phlegm in the throat; hoarseness and soreness in speaking and a constant desire to swallow.

No. 42.

OTITIS MEDIA.

INFLAMMATION OF MIDDLE EAR; EARACHE.

By far the most frequent cause of severe pain in the ear (earache) is an otitis media secondary to scarlet fever, grippe, acute tonsilitis or pharyngitis, measles, diphtheria, and typhoid fever. It is most common in children.

TREATMENT:

℞ Tinct. Belladonna..... $\frac{1}{2}$ drachm
Tinct. Opii..... $\frac{1}{2}$ drachm

M. Sig.—Slightly warm, and put five drops into the ear several times a day.

Indications—Used for relief of pain.

Give internally:

℞ Tinct. Aconiti.....4 drops
Liq. Ammonii Acetatis.....1 drachm
Syr. Simp.....2 drachms
Aquæ, to make.....2 ounces

M. Sig.—One teaspoonful every two hours during period of inflammation. For a child three or four years of age.

Indications—Used to allay the inflammation.

For adults use this formula :

℞ Tinct. Aconiti.....16 drops
 Liq. Ammonii Acetatis.....3 drachms
 Syrup Simp.....2 drachms
 Aquæ, to make.....2 ounces

M. Sig.—One teaspoonful every two hours.

Indications—Used to allay the inflammation.

℞ Formalin.....5 drops
 Alcohol (95°).....2 drachms
 Aquæ, to make.....1 ounce

M. Sig.—Put a few drops into the ear several times a day.

PAIN.

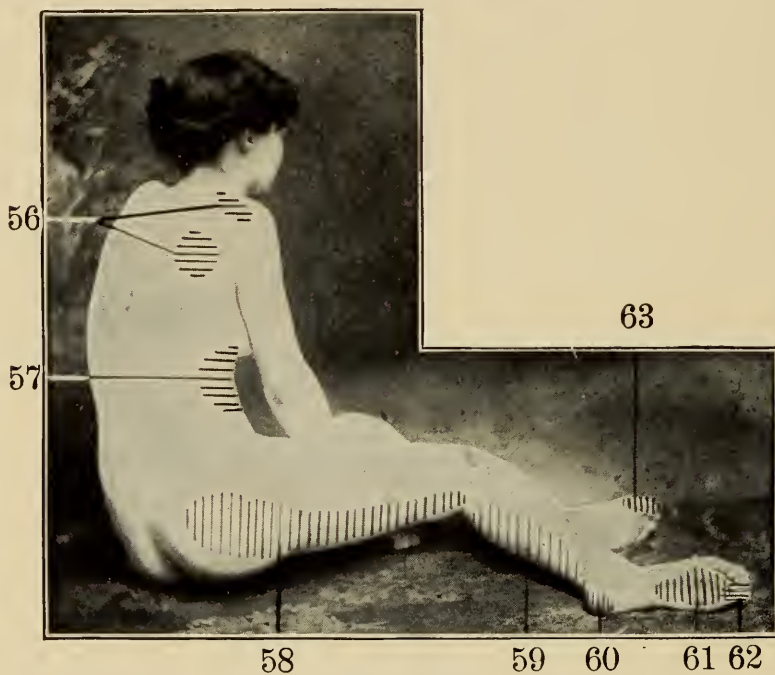


Fig. 15.

- 56, 57. Deranged Liver. Use treatment No. 20.
 58. Sciatica. Use treatment No. 25.
 59. Cramps. Use treatment No. 26.
 60. Neurasthenia. Use treatment No. 27.
 61. Prostatitis; Planter neuralgia. Use No. 28 for the first, and for the second, wear heavy shoe soles.
 62, 63. Gout. Use treatment No. 31.

Indications—Used to heal a suppurative or running ear. —WARD.

For simple earache use the following :

R	Chloral Camphoratæ.....	5 grains
	Glycerini	30 grains
	Oil Amygdalæ.....	10 grains

M. Sig.—Apply a little on absorbent cotton, and place it in the ear.

Indications—Used to allay pain.—JOUR. DE MED.

Cleanse the ear thoroughly with soap and water, then use the following :

R	Methylene Blue.....	2 parts
	Aquæ Dest.....	100 parts

M. Sig.—Fifteen to twenty drops to be put into the ear every few days, after cleansing.

Indications—Used to diminish the purulent discharge and control the fetid odor in the chronic otorrhœa (running from the ear) of children.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every hour.

Indications—High fever and severe pain through the head.

Belladonna, 3x dilution. Five drops every hour.

Indications—Severe pain from above downwards, outside and inside of the ear, particularly right side; tingling, buzzing, deafness, and discharge from the ear.

Pulsatilla, 3x dilution. Five drops every hour.

Indications—Outward pressure; stinging pain, or discharge of pus from the ear.

Sulphur, 3x trituration. Five grains every four hours.

Indications—Used when the acuteness of the symptoms has passed off, and there remains a violent itching of the outer ears, or sensitiveness to hearing, or a humming in the ears.

No. 43.

INTESTINAL TENDERNESS.

℞	Bismuth Sub-nit	47 grains
	Salol.....	12 grains
	Syr. Tolutan.....	$\frac{1}{2}$ ounce
	Mucil. Acaciæ, to make.....	2 ounces

M. Sig.—Teaspoonful every three hours.—CREED.

HOMŒOPATHIC TREATMENT :

Five drops of Nux Vomica in half a glass of water, a teaspoonful every half hour.

Indications—Used for acute pain and tenderness in small intestines, particularly in and around the umbilicus (navel).

No. 44.

DISEASES OF LIVER.

Inflammation of the liver (hepatitis) is most prevalent in hot climates. The chief causes are exposure to heat and changes of temperature, impure water, over-eating, irregular habits, and spirit-drinking. The symptoms are enlargement of the liver, with pain and tenderness from upward pressure under the ribs, sallowness, and clay-colored stools.

TREATMENT :

℞	Hydrarg. Chlor. Mitis.....	1 grain
	Sodii Bicarbonatis.....	12 grains

M. For 6 powders. Sig.—One powder on tongue every hour. The last dose to be followed in two hours by two teaspoonfuls of Rochelle salts or by a Seidlitz powder.

Indications—Used in acute hepatitis from cold, excessive heat, or injury.

R Collodii Cantharidati.....2 drachms

M. Sig.—Paint several spots the size of a quarter of a dollar over the seat of pain, and after drying, place over the region a large, hot flaxseed, or hot mush poultice. Should be two large poultices, one to be made hot while the other is being applied, and changed every five or ten minutes in cases where the pain is severe and constant.

Indications—Used to relieve pain of acute hepatitis, or in obstructions of bile duct from any cause.

R Tinct. Aconiti.....12 minims
Potassii Citratis.....4 drachms
Spir. Ætheris Nitrosi.....6 drachms
Syrup Simp.....4 drachms
Aquæ, to make.....3 ounces

M. Sig.—One teaspoonful in water every two hours.

Indications—Used to quiet circulatory excitement and promote diuresis (increase flow of urine) in acute hepatitis.—DOMINION MED. MON.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every hour.

Indications—Used at the commencement of an attack when there is a headache, fever, and a severe stitching pain in the side.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—Used when the pains are pressing, and extend to the chest, with some difficulty in breathing; tongue coated yellow, and pains aggravated by motion.

Mercury Viv., 3x trituration. Five grains every two hours.

Indications—Severe pain and soreness, increased by lying on the right side; brassy, metallic taste in the mouth.

Nux Vomica, 3x trituration. Five grains every two hours.

Indications—When the pain is of a drawing, throbbing, or stitching nature, and region of liver very sensitive to touch.

CIRRHOSIS OF THE LIVER.

Cir-rho'sis ("reddish yellow" or "tawny"). A name applied to granulated or tuberculated liver. Fifty per cent. of all cases are caused by chronic alcoholism. Occurs mainly in men under 40 years of age. Duration, from 4 to 10 years. The symptoms are: liver enlarged, attacks of pain in region of liver, slight or severe, sometimes accompanied by nausea, vomiting, and followed by an increase of sallowness (jaundice).

TREATMENT:

℞ Juniper Berries.....2½ drachms

Make an infusion with 4 ounces of boiling water and add:

℞ Potassium Nitrate.....15 grains
Potassium Acetate 15 grains
Oxymel of Squill.....2 ounces
Syrup Simp.....1 ounce

M. Sig.—One tablespoonful every three hours during the day.

Indications—Used as a diuretic (to increase flow of urine).—PLICQUET.

℞ Hydrarg. Bichlorid 1 grain
Ammoniā Muriat.....2 drachms
Syrup Aurantii 1 ounce
Aquæ 3 ounces

M. Sig.—One teaspoonful three times a day.

A blister should be used over affected region if pain be present.

Indications—Used in cirrhosis of the liver.—SAT-
TERTHWAITHE.

HOMŒOPATHIC TREATMENT:

Arsenicum, 3x trituration. Five grains every three hours.

Indications—Used when there is a general unhealthy, yellow, or dry and parchment-like skin; or a blue skin, with a coldness, and a burning sensation in the liver.

Mercurius Iodatus., 3x trituration. Five grains every four hours.

Indications—Nausea; loss of appetite; hardness and fulness in pit of stomach, and tender to touch; sensation of fulness in region of liver, attended with soreness.

NO. 45.

LOCOMOTOR ATAXIA.

DISEASE OF SPINAL CORD.

Locomotor ataxia is a chronic progressive disease and occurs oftenest between the ages of 30 and 40, may occur as early as 10 or as late as 60, more often in males. Exposure to cold and wet, combined with muscular exertion and excessive railroad traveling, dancing with exposure, or sexual intercourse, are prominent causes. The most important single factor is syphilis, which does not act directly, but if followed by excesses and exposure tends to produce the disease. A syphilitic history is found in from 60 to 90 per cent. of all cases.

SYMPTOMS :

The initial stage may last for a few months or several years. First noticed are slight uncertainty in walking, occasional darting pains in the legs or rectum, sensations of numbness in the feet, and attacks of double vision and dizziness. The knee-jerk is lost.

The next or ataxic stage lasts for several years. The patient's unsteadiness increases, walks with a cane and watches the ground and his feet. The leg pains are lightning-like and occur in paroxysms. Later the arms may become affected.

The next is the paralytic stage. The power of walk-

ing is lost, although the muscular strength of the legs is fairly good. With closed eyes the patient does not know where his feet and legs are.

TREATMENT :

Rest in bed, avoid undue fatigue, good nursing and plenty of good rich food which contains very little fat. Warm, saline—ten minute—baths. To avoid chills and sweating, and wear warm clothing, are important considerations in the treatment of locomotor ataxia.

℞ Potassii Iodidi.....1 ounce
Aquæ Bull.....1 ounce

M. Sig.—Ten drops in milk three times a day and gradually increase size of dose until physiological effects are manifested.

Indications—Used in locomotor ataxia resulting from syphilis or metallic poison.

℞ Antipyrine.....1 drachm

M. For 12 compressed tablets. Sig.—One tablet every hour.

Indications—Used to relieve severe lancinating pains.

℞ Potassii Bromidi.....1 ounce

For 48 compressed tablets. Sig.—Two tablets every four hours.

Indications—Used to prevent or relieve laryngeal crises.

HOMŒOPATHIC TREATMENT :

Argentum Nitricum, 3x dilution. Five drops every three hours.

Indications—Ataxic gait, aggravated when eyes are closed; atrophy of optic nerve; contracted, dilated or unequal pupils; gastralgie attacks; retention of urine from paralysis of the bladder; complete loss of sexual desire; priapism; shooting pains.

Zincum, 3x trituration. Five grains every four hours.

Indications—Twitching in the muscles; trembling of the limbs; violent drawing and tearing pains in the

PAIN.



Fig. 16.

64. Loaded colon. Use treatment No. 33.

65. Stomach pain. A common symptom, and may be caused by indigestion, biliousness, gastritis, ulcers, or neuralgia of stomach.

If simple indigestion (dyspepsia), use No. 23.

If pain is moderate, with bilious symptoms, use treatment No. 20.

If relieved by eating, full stomach, use No. 10.

If aggravated by full stomach, use No. 12.

If pain is severe, use treatment No. 13.

If constant, with some hemorrhage, use No. 46.

66. Catarrh of colon. Use treatment No. 7.

67. Diseased, or injured hip-joint. Use No. 37.

68. Sciatica. Use treatment No. 25.

long bones; piercing and stitching in the joints; heaviness and weakness in the limbs.

Alumina, 3x trituration. Five grains every four hours.

Indications—Unable to walk in the dark without staggering; soles of feet feel as if padded; the buttocks go to sleep when sitting; the heels become numb with walking, and the spine feels as if on fire.

No. 46.

CANCER OF STOMACH.

CARCINOMA; EATING ULCER.

Cancer of the stomach is most common in elderly people; rarely occurs in persons under forty years of age. The symptoms are constant pain, radiating and lancinating; loss of appetite, sour stomach, coffee-ground-looking vomit; bowels obstinately constipated, and a progressive loss of flesh and debility.

Average duration one year; may be shorter but seldom longer.

TREATMENT:

The following combination is highly recommended in relieving pain in cases of cancer of the stomach:

℞	Cocaine Hydrochlor.....	1 grain
	Morphinæ Hydrochlor.....	$\frac{1}{3}$ grain
	Aquæ Calcis.....	6 ounces

M. Sig.—One coffeespoonful every hour in a tablespoonful of iced milk.

An iced bag may be placed over pit of stomach to aid in relieving the pain.—MED. ASSO.

No. 47.

HEADACHE.

Hot water applied to the feet and back of the neck almost invariably gives instant relief to severe headaches.

℞	Acetanilid	$\frac{1}{2}$ drachm
	Spir. Chloroform	1 drachm
	Spir. Camphor	1 drachm
	Sodii Salicylat	$1\frac{1}{2}$ drachms
	Aquæ	4 ounces

M. Sig.—One teaspoonful every 30 minutes until relieved.

Indications—Used for simple headache, or when cause is unknown.—SMITH.

HEADACHE DUE TO OVARIAN TROUBLE—

℞	Ammonii Bromidi	6 drachms
	Ext. Hydrastis	$\frac{1}{2}$ ounce
	Tinct. Gent. Comp	$1\frac{1}{2}$ ounces
	Aquæ	4 ounces

M. Sig.—Dessertspoonful three times daily in water.

Indications—Used in headaches due to ovarian trouble.—WINKLER.

ANEMIC HEADACHE—

℞	Ammonii Bromidi	1 ounce
	Tinct. Cannabis Indicæ	1 drachm
	Mucilag. Acaciæ	4 ounces
	Spir. Menthol. Pip	2 drachms

M. Sig.—Teaspoonful in water three times a day.

Indications—Used in anemic headaches associated with uterine disorders.—HAMILTON.

SICK HEADACHE—

℞	Bromo Caffein	30 grains
	Potassii Bromidi	10 grains

M. For 6 powders. Sig.—One powder every 30 minutes until three are taken, or less if pain ceases.

Indications—Used in sick headache.—GOOD.

NERVOUS HEADACHE —

℞ Zinci Phosphatis 3 grains
 Ext. Nucis Vomicæ 10 grains
 Confec. Rosæ, q. s.

M. For 30 pills. Sig.—One after each meal.

Indications — Used in nervous headache.—BARKER.

BILIOUS HEADACHE —

℞ Hydrarg. Chlor. Mit. 1 grain
 Sodii Bicarbonate 12 grains

M. For 6 powders. Sig.—One powder every half hour, followed in three hours by Seidlitz powder.

Indications — Used in bilious headache with constipation.

NEURALGIC HEADACHE —

℞ Antipyrin 1 drachm
 Caffein Citratæ 12 grains
 Camph. Monobromatæ 24 grains

M. For 12 compressed tablets. Sig.—One tablet every three or four hours.

Indications — Used in neuralgic headache or migraine.

℞ Antipyrin 1 drachm
 Potassii Bromidi 4 drachms
 Syr. Aurantii Florum 4 drachms
 Aquæ, to make 3 ounces

M. Sig.—One teaspoonful in water every three or four hours.

Indications — Used in neuralgic headache and insomnia (sleeplessness).

RHEUMATIC HEADACHE —

℞ Phenacetini 2 drachms
 Salol 1 drachm

M. For 12 powders. Sig.—One powder every three or four hours.

Indications — Used in rheumatic or neuralgic headache.

GOUTY OR SYPHILITIC HEADACHE —

℞	Potassii Iodidi.....	$\frac{1}{2}$ drachm
	Sodii Salicylatis.....	$\frac{1}{2}$ drachm
	Vini Pepsini Fl.....	6 ounces

M. Sig.—From one-half to a tablespoonful in water three times a day after meals.

Indications—Used in headache of rheumatic, gouty, or syphilitic subjects.

HEADACHE OF BRIGHT'S DISEASE —

℞	Potassii Acetatis.....	1 ounce
	Infusi Digitalis, Fl.....	8 ounces

M. Sig.—Tablespoonful in water every six hours.

Indications—Used in headache of vasomotor relaxation during Bright's disease.

SYPHILITIC HEADACHE —

℞	Hydrargyri Iodidi Flavi.....	10 grains
	Ext. Glycyrrhizæ Puri.....	2 drachms

M. For 40 pills. Sig.—One pill three times a day.

Indications—Used in headaches of syphilis.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Take three drops every half hour.

Indications—Used in congestive headache, and sun-stroke; face hot and red, with burning pain in forehead, temples, involving eyes and upper jaw; aggravated by motion, stooping, and noise, and relieved by repose.

Belladonna, 3x dilution. Three drops every hour.

Indications—Face bloated and red, pain worse from motion or touch; light and noise intolerable. Pain gradually increases for a time, then suddenly declines and reappears elsewhere.

Bryonia Alba, 3x dilution. Three drops every hour.

Indications—Irritable; pain relieved by pressure and

closing the eyes; aggravated by motion and light. Pain principally in back part of head.

Nux Vomica, 3x trituration. Five grains every two hours.

Indications—Sensation as if head was larger than body. Sick headache, brought on by wine, coffee, mental strain, or sedentary habits. Commences in the morning, increases through the day, growing milder in the evening; dimness of vision; sour vomiting, and constipation.

Pulsatilla Nigr., 6x dilution. Five drops every hour.

Indications—Sick headache from menstrual, or stomach disorders; pain chiefly in forehead, and temples; headache bursting, and throbbing.

NO. 48.

CHOLERA MORBUS.

TREATMENT:

R	Spir. Æther Comp.....	2 $\frac{2}{3}$ drachms
	Spir. Lavandulæ Comp.....	2 $\frac{2}{3}$ drachms
	Tinct. Opii Camph.....	2 $\frac{2}{3}$ drachms
	Tinct. Capsici.....	1 drachm
	Tinct. Zingiberis.....	1 ounce

M. Sig.—One-half to a teaspoonful every two hours.—BUCHANAN.

R	Acidi Sulph. Aromatici.....	1 drachm
	Ext. Hæmatoxyli.....	1 drachm
	Spir. Chloroformi	$\frac{1}{2}$ ounce
	Syr. Zingiberis, to make.....	3 ounces

M. Sig.—One teaspoonful every four hours, or 15 drops every thirty minutes.—HARE'S PRAC. THERA.

HOMŒOPATHIC TREATMENT :

Arsenite Copper, 2x trituration. Five grains every half hour.

This remedy usually proves the only one needed.

Cuprum Metallicum, 3x trituration. Five grains every hour.

Indications—Frequent ineffectual attempts to vomit. Nausea relieved for a time by drinking cold water. Pain in stomach.

Arsenicum Album, 3x trituration. Five grains every half hour.

Indications—Loathing of food; incessant vomiting, burning pain in pit of stomach; abdomen distended and painful.

No. 49.

MELANCHOLIA.

TREATMENT :

℞ Tabellas Ext. Glandulæ Thyroideæ No. 48, aa gr. 5.

M. Sig.—One tablet after each meal, and increase if required.

Indications—Used in the treatment of melancholia during the menopause.

℞ Spir. Chloroformi.....4 drachms
Potassii Bromidi.....2 drachms
Syrup Simp.....4 drachms
Aquæ, to make.....3 ounces

M. Sig.—Two teaspoonfuls in water at bed-time.

Indications—For relief of insomnia (sleeplessness).

PAIN.

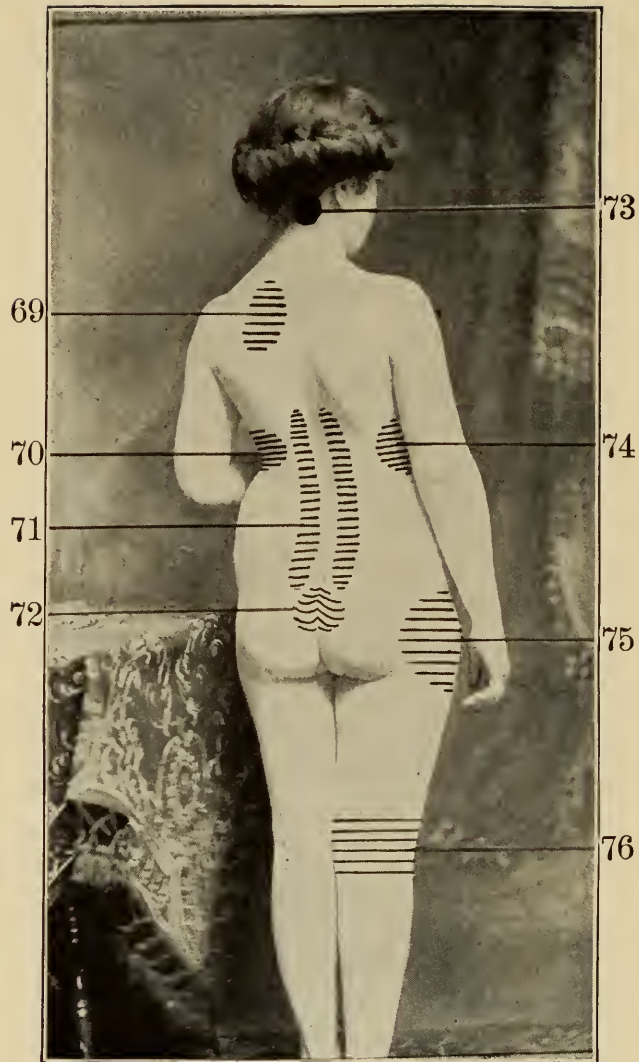


Fig. 17.

- 69. Disease of womb. See Figs. 28 and 29.
- 70. Dyspepsia and constipation. Use No. 1, or No. 23.
- 71. Lumbago. For treatment, use No. 34.
- 72. Coccyodynia. For treatment, use No. 30.
- 73. Spinal irritation. For treatment, use No. 39.
- 74. Deranged liver. If pain is slight use No. 20. If constant and severe, use No. 44.
- 75. Articular rheumatism. Use treatment No. 17.
- 76. Synovitis. For treatment, use No. 35.

No. 50.

TO PREVENT HEPATIC COLIC.

As a preventative of calcareous formations (gall-stones) in the gall-bladder, which, while passing through the gall-duct, cause intense suffering, commonly known as hepatic colic, are the salicylate and benzoate of sodium. The following should be administered, varying the dose according to the severity of the case:

R Sodii Salicylatis 1 drachm
Sodii Benzoatis.....1 drachm

M. For 60 capsules. Sig.—One capsule three times a day at meal time.—CHAUFFARD.

He is in the habit of adding to the above combination, one or two grains of Carlsbad salts. This treatment he continues for ten or twenty days in the month, for a year or longer. He states that if this line of treatment is persisted in, a cessation of the crises will be obtained.

HOMŒOPATHIC TREATMENT :

Nux Vomica, 3x dilution. Five drops every half hour.

Indications—Severe cutting pains, belching, nausea, and distention of abdomen.

Colocynth, 3x dilution. Five drops every half hour.

Indications—Used when there is a sensation of pinching in upper part of abdomen, returning at short intervals, and passing into sharp griping; or a feeling in the entire abdomen as if squeezed between two stones.

Chamomilla, 3x dilution. Five drops every hour.

Indications—Used when there is a continual tearing

pain in right side, or compressive, drawing, or spasmodic pains.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—When a sensation of painful twisting about the navel; pain with great anguish; severe colic in forenoon, or abdominal spasms after dinner.

NO. 51.

SPASMS OF URETERS.

MEMBRANOUS TUBES THROUGH WHICH THE URINE IS CONVEYED FROM THE KIDNEYS TO THE URINARY BLADDER.

℞ Potassii Acetatis..... $\frac{1}{2}$ ounce
Tinct. Belladonna.....2 drachms
Syrup Simp., to make.....4 ounces

M. Sig.—One teaspoonful every three or four hours.

Indications—Used as an antispasmodic, and to neutralize the excess of acid in the urine.

HOMŒOPATHIC TREATMENT :

Belladonna, 3x dilution. Five drops every hour.

Gelsemium Tinct. One drop every hour.

Magnesia Phos., 2x trituration. Five grains in hot water every half hour, are the remedies used in spasms of the ureters.

NO. 52.

BERIBERI.

Ba-re-ba're. A spasmodic rigidity of the lower limbs, etc.; an acute disease occurring in India, and commonly considered the same as barbers,—but the latter

is a chronic disease. The word beriberi is, in all probability, derived from the reduplication of the Hindoo word *beri*, signifying irons or fetters fastened to the legs of criminals. A person afflicted with this disease is literally "fettered."

TREATMENT :

B. M. Gibson, of Edinburgh, gives the following treatment of beriberi: The first step is to remove the patient from the place where he contracted the disease. His diet should then be changed to beans and fat pork in order to supply nitrogen and fat. The following formulas are recommended :

℞ Tinct. Digitalis.....1 drachm
 Tinct. Ferri Perchloridi.....1 drachm
 Acidi Phos. Dil.....3 drachms
 Infusi Calumbæ, to make.....6 ounces

M. Sig.—One tablespoonful three times a day.

Or :

℞ Liq. Arsenicalis.....13 minims
 Liq. Strychninæ 13 minims
 Liq. Ferri Perchloridi.....1½ drachms
 Glycerini 1 ounce
 Infusi Calumbæ, to make.....6 ounces

Or :

℞ Quininæ Sulph.....1 drachm
 Ferri Sulph.....36 grains
 Mag. Sulph.....4 drachms
 Acidi Sulph. Dil.....1 drachm
 Spir. Chloroformi.....2 drachms
 Aquæ Menth. Pip., to make.....6 ounces

M. Sig.—One tablespoonful three times a day.

He states that in dropsical cases one tablespoonful of brandy every two hours is very effective.

No. 53.

INFLAMMATION OF GLANDS.

ADENITIS.

℞ Syrup Ferri Iodidi.....1 ounce

M. Sig.—Five drops in milk three times daily after meals.

Indications—Of value when accompanying scrofulosis and anemia.

℞ Oil Morrhuæ.....2 ounces
 Oil Gaultheriæ.....6 minims
 Acaciæ.....4 drachms
 Aquæ, to make.....8 ounces

M. Sig.—One to two teaspoonfuls in milk or water two hours after meals.

Indications—To be employed in tubercular and scrofulous adenitis.

℞ Hydrarg. Cum. Creta.....24 grains

M. For 24 powders. Sig.—One powder three times a day.

Indications—In adenitis of hereditary syphilis.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every hour.

Indications—Used in the first stages of adenitis, when the patient complains of headache, thirst, some fever, and moderately quickened pulse.

Belladonna, 3x dilution. Five drops every hour.

Indications—Patient delirious; face flushed; eyes injected; pulse firm and tense.

Mercurius, 3x trituration. Five grains every two hours.

Indications—Used after the fever has subsided, and swelling moderately increased.

No. 54.

HYSTERIA.

Hysteria occurs most frequently between the ages of 15 and 25 in females; at a somewhat later age in males. Females are affected much oftener than men. The chief predisposing cause is heredity, with a history of the disease. Exciting causes are: powerful emotions (especially fear), anxiety, excitement, worry, and injuries accompanied by mental shock.

SYMPTOMS:

In hysteria of girls and young women there is nervousness, with morbid increase of sensibility, imaginary pains, and crises of emotional character. The patient becomes extremely sensitive, excitable, mentally depressed, and a marked loss of emotional control. She yields to impulses, and cries and laughs very easily, when excited there may be sensations of tickling, fullness, or choking in the throat. Attacks of headache or vomiting or of great mental excitement may occur. After the crises there is usually a large quantity of light-colored urine passed.

As the patient grows older the symptoms greatly increase in severity, and others more grave are added. There may be loss of sensibility of one side of the body, or extremities, or of patches (Figs. 25, 26, and 27). Vision may be impaired in both eyes, or completely lost in one eye, and on the same side the senses of hearing and smell may be impaired. Constipation, dyspepsia, loss of appetite, vomiting, and sometimes retention of urine occurs.

In hysteria there is marked emotional instability and a craving for sympathy, lack of self-control, and weakness of the will. The mood constantly changes; there is increased sensitiveness, and exaggerated egotism. There is a limitation of the field of conscious-

ness as there is in the field of vision. The hysterical person can think of nothing but her personal feelings. There is an undercurrent of suggestibility in the mental state, through which ideas become fixed and patients become self-hypnotized, and believe they have various ailments which have no existence.

TREATMENT :

In this period the patient should be taught, as far as is possible, the miserable and undignified condition into which she is sinking, and advised and encouraged to exert powerful efforts to control her nervous organism. To this end she should also be given full doses of the nerve-sedatives and antispasmodics as follows :

℞ Sodii Glycerophosphatis..... $\frac{1}{2}$ ounce
 Calcii Glycerophosphatis.....2 drachms
 Acidi Phosphoric. Dil.....6 drachms
 Aquæ Cinnamomi, to make.....4 ounces

M. Sig.—One teaspoonful three times daily.

Indications—Used in hysteria when accompanied with neurasthenia (nervous debility).—THOMPSON.

℞ Ext. Ergotæ.....1 drachm
 Ext. Cannabis Indicæ.....6 grains
 Potassii Bromidi.....2 drachms

M. For 24 capsules. Sig.—One capsule three times a day.

Indications—Used in headaches of hysteria with tenderness of scalp.

℞ Liquoris Potassii Arsenitis.....1 ounce

M. Sig.—One drop in water three times a day after meals, and gradually increased to five drops or until slight puffiness of eye-lids or slight diarrhœa, then decrease dose.

Indications—To be employed in hysteria accompanied by impoverished blood or gastro (stomach)-intestinal catarrh.—BARTHOLOW.

℞ Massa Ferri Carbonatis..... $\frac{1}{2}$ ounce
 Ext. Cascaræ.....24 grains

M. For 48 pills. Sig.—One pill after each meal, and gradually increase.

Indications—Used in hysteria accompanied by chlorosis (green sickness).

℞ Emulsi Asafoetidæ.....8 ounces

M. Sig.—One tablespoonful after each meal.

Indications—Used in hysterical flatulency (bloating).

℞ Tinct. Opii.....1 drachm
Tinct. Nucis Vomicae.....2 drachms

M. Sig.—Three drops in water three times a day.

Indications—Used for weight on the head, flushings, hot and cold perspirations.—RINGER.

℞ Ammonii Bromidi.....2 drachms
Spir. Ammonii Aromat.....1 drachm
Aquæ.....4 ounces

M. Sig.—One dessertspoonful well diluted with water three times a day.—HARTSHORNE.

℞ Tinct. Castorei.....3 drachms
Spir. Lavandul. Comp.....6 drachms
Aquæ Camphoræ.....6 ounces

M. Sig.—One teaspoonful two or three times a day.

Indications—Used when cerebral symptoms and hysterical phenomena are marked.

℞ Liq. Potassii Arsenitis.....40 minims
Tinct. Opii..... $\frac{1}{2}$ drachm
Aquæ Menth. Pip., to make.....1 $\frac{1}{2}$ ounces

M. Sig.—One teaspoonful three times a day.

Indications—Used in old people with gloomy fancies.—LEMARE-PICQUOT.

HOMŒOPATHIC TREATMENT:

Pulsatilla, 3x dilution. Five drops every two hours.

Indications—Used when the attack occurs in a person of mild, phlegmatic temperament, easily excited to laughter or weeping; or subject to palpitation of the heart, and dyspeptic symptoms, as belching and pain in the stomach.

Aconite, 3x dilution. Five drops every two hours.

Indications—When the patient is of a full plethoric habit, pulse rather full, some feverish heat, palpitation of the heart, profuse menstruation, especially in young females, or a suppression in those of a congestive and sedentary habit.

Bryonia Alba, 3x dilution. Five drops every two hours.

Indications—Used when the attack consists principally in abdominal pains; patient suffers from painful menstruation; loss of appetite; frequent belchings, and occasional nausea; when the patient is delirious, starts suddenly, and desires to escape. The attack of hysteria generally comes on at night.

Ignatia, 3x trituration. Five grains every two hours.

Indications—When the attack occurs in females who are troubled with painful menstruation, with a disinclination to join in conversation, desire to be alone, whining, and speaking in a low tone.

NO. 55.

ANÆSTHESIA.

LOSS OF SENSIBILITY OF ONE SIDE OF THE BODY, EXTREMITIES, OR OF PATCHES.

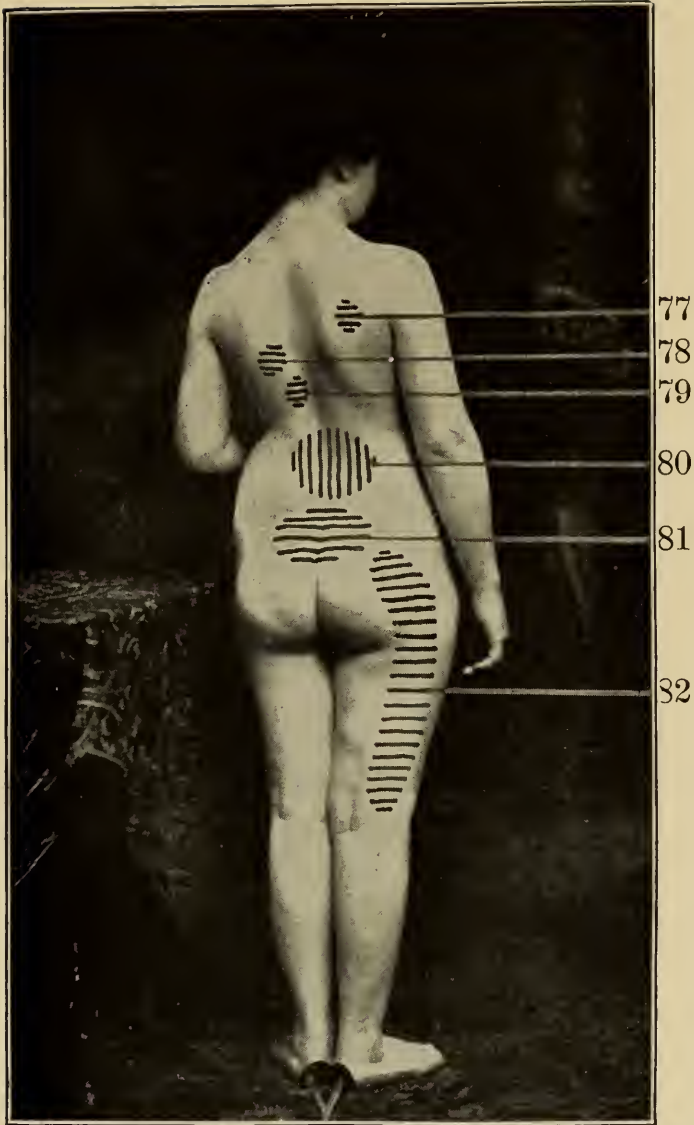
(See Figs. 25, 26, and 27.)

TREATMENT :

R̄	Ext. Sumbul.....	30 grains
	Asafœtidæ.....	1 drachm
	Mist. Bland.....	1½ drachms
	Acidi Arseniosi.....	1 grain
	Strychninæ Sulph.....	½ grain
	Phosphori.....	¼ grain

M. For 30 pills. Sig.—One pill three or four times a day on an empty stomach.

PAIN.



83
Fig. 18.

- 77. Torpid Liver. Use treatment No. 20.
- 78. Splenitis. For treatment, use No. 19.
- 79. Ulcers of stomach. For treatment, use No. 12.
- 80. Debility; fatigue. Use No. 40.
- 81. Womb. See Fig. 28 and 29.
- 82. Sciatica. (Usually left side.) Use No. 25.
- 83. Neurasthenia. (Ovarian.) See Fig. 28 and 29.

Indications—Used in anæsthesia accompanied with nervous debility, and disturbances of the stomach and intestinal tract.—MILLER.

R	Sodium Glycerophosphate.....	$\frac{1}{2}$ drachm
	Calcium Glycerophosphate.....	$\frac{1}{2}$ drachm
	Strychnine Phosphate.....	$\frac{1}{4}$ grain
	Fl. Ext. Coca.....	$\frac{1}{2}$ ounce
	Citric Acid.....	3 drachms
	Aromatic Elixir.....	3 ounces
	Aquæ, to make.....	4 ounces

M. Sig.—One to two teaspoonfuls in water three times a day after food.

Indications—Used in anæsthesia accompanying nervous or general debility.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every hour.

Cannabis Indica, 3x dilution. Five drops every two hours.

Kali Brom., 6x trituration. Five grains every three hours, are the remedies used in the treatment of anæsthesia.

No. 56.

ANEMIA.

IMPOVERISHED BLOOD.

Anemia, in its different forms, is characteristic of diseases of the blood, or of the blood-making organs.

SYMPTOMS:

There is some pallor; inside of lower eyelids pale or bloodless; slight palpitation and difficult breathing; occasional headache, and a tendency to fatigue.

TREATMENT:

℞ Ferri Sulphatis.....40 grains
Saponis, q. s.

M. For 20 pills. Sig.—One pill after each meal.

Indications—Used in anemia with diarrhœa.

℞ Ferri Sulphatis Exsiccati.....100 grains
Potassii Carbonatis.....24 grains
Ext. Nucis Vomicæ.....4 grains
Aloin.....4 grains
Saponis.....4 grains

M. For 48 pills. To be coated with:

℞ Balsami Tolutani.....2 drachms
Ætheris, Fl.....2 drachms

M. Sig.—One to two pills three times a day after meals.

Indications—Used in anemia with constipation.

℞ Ferri Sulphatis Exsiccati.....24 grains
Acidi Arseniosi.....1 grain
Ext. Nucis Vomicæ.....12 grains
Aloin.....5 grains
Ext. Cinchonæ.....1 drachm

M. For 24 pills. Sig.—One pill after each meal.

Indications—Used in anemia and debility following severe illness, or from overwork.

℞ Syr. Ferri Iodidi.....1 ounce

M. Sig.—Five drops in water after each meal, and gradually increase dose to ten drops.

Indications—Used in scrofulous or tubercular anemia, and also anemia complicating gonorrhœal rheumatism or synovitis.

℞ Fowler's Solution.....2½ drachms
Acid Phosphate.....3 ounces
Bone-Marrow Ext., to make.....8 ounces

M. Sig.—One dessertspoonful three times daily after meals.

Indications—Used in pernicious (baleful; deleterious; noxious; destructive) anemia.—DANFORTH.

R	Acidi Arseniosi.....	1 grain
	Ferri Sulphat. Exsiccata.....	$\frac{1}{2}$ drachm
	Pulv. Pip. Nigr.....	$\frac{1}{2}$ drachm
	Oil. Aloes et Myrrhæ.....	$\frac{1}{2}$ drachm

M. For 40 pills. Sig.—One pill twice a day after meals.

Indications—Used in anemia with amenorrhœa (cessation or stoppage of menses).—FOTHERGILL.

HOMŒOPATHIC TREATMENT :

Ferrum, 3x trituration. Five grains before each meal.

Indications—Pale face and lips; or a jaundiced complexion; swelling beneath the eyes; pressure in the stomach after eating and drinking; loss of appetite, and an acid taste; nausea and dizziness.

Calcarea Carb., 3x trituration. Five grains every evening.

Indications—Pale or sallow complexion; dark border beneath the eyes; or a circumscribed redness of the cheek; distension of the stomach; water-brash; dizziness; dullness of the mind, low spirits, and melancholy.

Silica, 6x trituration. Five grains every evening.

Indications—Pale, swollen face and upper lip; irregular action of bowels; frequent desire to urinate; and distension of abdomen.

Kali Carb., 3x trituration. Five grains every evening.

Indications—Drowsiness during the day; dryness of the skin; bloated face; nausea, belching, costiveness, with stitches here and there.

No. 57.

HERPES ZOSTER.

SHINGLES.

A skin eruption spreading across the waist, or chest, like a sash or sword-belt:—commonly called shingles. The most frequent causes are infections, wounds, rheumatic, syphilitic, and gouty poisons, emotional influences, and the morphine habit.

TREATMENT :

Prof. Bleulek used a cocaine salve to stay the pain in herpes zoster. Much to his surprise, he noticed the eruption disappear. Since that time he has used it in all cases. In the twenty-three cases treated, the cocaine salve was a success. It is made as follows :

℞ Cocaine Hydrochl.....	10 grains
Lanolin	$8\frac{1}{3}$ drachms
Vaseline.....	$8\frac{1}{3}$ drachms

M. Sig.—Apply with a brush in very thin layers several times daily. The cocaine seems to exert a specific influence upon the eruption.

Shoemaker uses the following treatment :

℞ Ferri Pyrophosphatis	30 grains
Acidi Arseniosi.....	1 grain
Quininæ Sulphatis.....	30 grains

M. For 30 pills. Sig.—One pill three times a day.

He applies the following ointment :

℞ Ungt. Hydrargyri Oleatis.....	$\frac{1}{2}$ ounce
Ungt. Aquæ Rosæ.....	$\frac{1}{2}$ ounce

M. Sig.—Apply to the affected parts several times a day.

HERPES ZOSTER OF MOUTH AND GUMS.

℞ Morphine Sulph.....	1 grain
Cocaine Hydrochl.....	1 grain
Vaseline.....	200 grains

M. Sig.—Apply to the gums and place a bit of cotton wool between the cheek and the teeth to prevent friction.

Another method consists in the application of compresses wet with the following lotion :

℞ Plumbi Acet.....15 grains
 Pulv. Aluminii.....15 grains
 Aquæ Dest.....2 ounces

M. Sig.—Apply every two hours. External use.

At the same time five drops of the tincture of belladonna are given every two hours until the throat becomes slightly dry, then discontinue it and take the following :

℞ Ext. Gelsemii.....10 grains
 Sodii Sulphocarb.....10 grains
 Aquæ Dest.....2 ounces

M. Sig.—One teaspoonful every two hours.

Under the above treatment the pain disappears in a few hours and the course of the disease is shortened.—
 GORGAS.

HOMŒOPATHIC TREATMENT :

Rhus Tox., 3x dilution. Five drops every hour.

Indications—Used when the eruption is of a confluent (running together) character, with burning and itching ; or of a dry, scaly eruption, similar to ivy poison.

Mezereum, 3x dilution. Five drops every hour.

Indications—Used in zoster affecting the trunk, associated with severe neuralgic pains, which, as a rule, are aggravated at night and when in bed, followed by a numbness of the parts ; or when neuralgia is the sole symptom after the eruption disappears.

Use the local applications given in the old-school treatment. Local applications are the same in all schools.

No. 58.

ERYSIPELAS.

ST. ANTHONY'S FIRE.

Redness or inflammation of some part of the skin, with fever. A specific, acute, and contagious disease.

The attack begins more or less suddenly with a chill or chilliness, followed by a rapid rise of temperature. A little later a reddened spot is to be seen, usually on the bridge of the nose, or upon one of alæ (side of nostril), less frequently upon the other parts of the face, or the ear, or head. This rapidly extends, the skin becomes swollen, red, and tense, and is often studded with fine blisters, especially on the eyelids, ears, and forehead. The pain is burning and tensive. The inflammatory area has a well-defined, somewhat raised edge, and, as it extends, the areas first attacked become somewhat lighter in color and less swollen. When the greater portion of the face is involved the eyes are nearly or quite closed, the nose is bulbous, the lips and ears are thickened and dropsical.

TREATMENT :

Curtis states that he has derived very gratifying results from the external treatment of the disease by first cleansing the parts affected very thoroughly. A sufficient quantity of sodium sulphate is mixed with cold distilled water to make it the consistency of a thick paste, the diseased part is covered with a single layer of coarse cheese-cloth, and over this is spread a thick layer of the paste, care being taken that it extends considerably beyond the margin of the disease. Ice water must then be applied to the poultice to produce cold and moisture as well as to reduce the inflammation. He states that within six or eight hours all

germs will have been destroyed. The above is a new remedy.

In the mild cases, judging by the exterior extent of the inflammation, the temperature and general constitutional symptoms, Dr. Robinson says the following should be employed :

℞ Ichthyol.....1 ounce
Adipis Lani, to make.....3 ounces

M. Sig.—To be applied every hour.

In severe cases, the entire area of inflammation and about one inch beyond should be painted with pure undiluted ichthyol. Outside of this gauze compresses, soaked in a 10 to 20 per cent. solution, are to be applied every hour. The solution is made as follows :

℞ Ichthyol.....1 to 2 ounces
Glycerini 1 ounce
Aquæ, to make.....10 ounces

M. Sig.—Apply locally on gauze every hour.

The glycerine prevents too rapid drying of the solution and cracking of the skin. Although the pure ichthyol will cause the skin to peel off, yet antipyretics have never been employed when the case has thus been treated from the beginning. He, however, employs throughout the course of the disease a saline laxative as follows :

℞ Magnesiæ Sulphatis.....1 ounce
Acidi Sulphurici Dil.....24 minims
Syr. Limonis.....1 ounce
Aq. Menth. Pip., to make.....4 ounces

M. Sig.—Take one tablespoonful every two to four hours, as necessary to produce loose movements of the bowels.

HOMŒOPATHIC TREATMENT :

Aconite, 3x dilution. Three drops every hour.

Indications—Used during the inflammatory stage, pulse tense, tongue dry, thirst, skin dry and burning, with swelling of the affected parts.

Belladonna, 3x dilution. Three drops every hour.

Indications—Used when skin is swollen, bright scarlet or crimson hue, burning, and painful to touch, or when vesicles are formed.

Rhus Tox., 3x dilution. Three drops every hour.

Indications—Used when the inflammation is confined to the skin and small burning vesicles are formed; or dull aching or bruise-like pains, especially at night.

Arsenicum Alb., 3x trituration. Five grains every hour.

Indications—Used in dry burning of lips and throat; tongue red and dry, thirst for cold drinks; the erysipelatous inflammation terminates in ulcers, with a tendency to gangrene. At the same time use the local applications as prescribed and directed in the old-school treatment. This is important.

No. 59.

ACUTE AND CHRONIC NASAL CATARRH.

HYPERTROPHIC AND ATROPHIC.

Acute catarrh, coryza, or rhinitis, may be an initial symptom of an infection like influenza or measles; more commonly it is primary—a “cold in the head.” Its epidemic and contagious character is so marked that it probably depends upon a germ infection. The chief predisposing causes are exposure to cold, variable weather, an inhalation of irritating vapors.

SYMPTOMS:

There is chilliness, headache, slight fever, and sneezing, with quickened pulse, dry skin, and thirst. Some backache and general aching are not uncommon. The

PAIN.

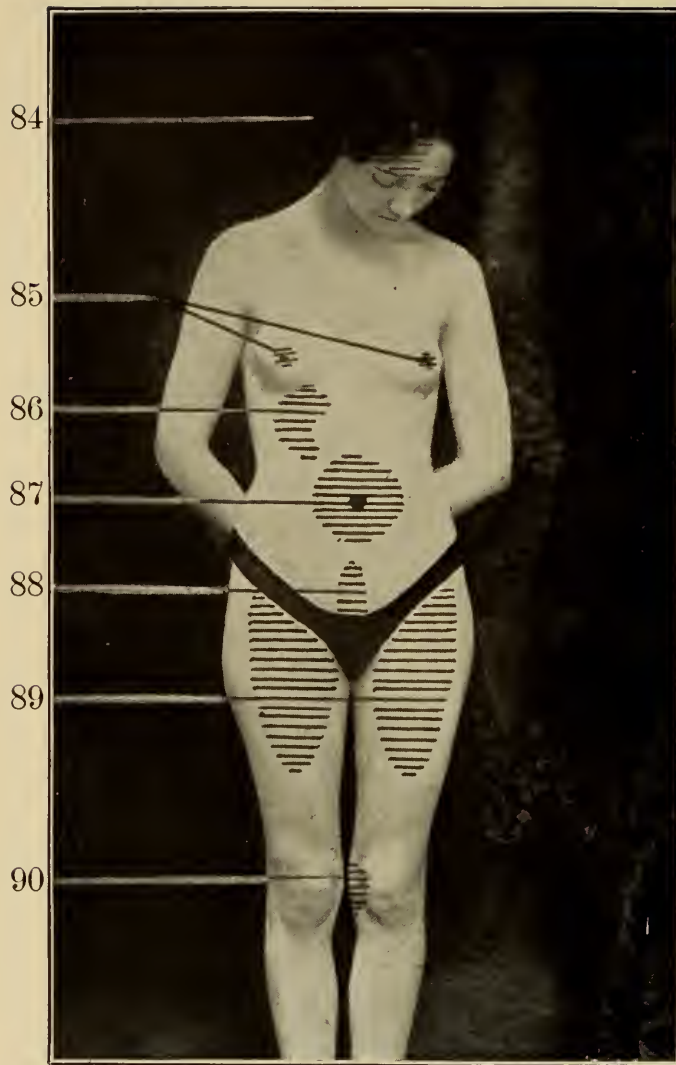


Fig. 19.

- 84. Hemisrania. For treatment, use No. 36.
- 85. Uterine trouble. See Figs. 28 and 29.
- 86. Catarrh of duodenum. Use treatment No. 9.
- 87. Intestinal tenderness. Use treatment No. 43.
- 88. Burning sensation with frequent desire to urinate. Use treatment No. 32.
- 89. Disease of uterus. See Figs. 28 and 29.
- 90. Disease of hip-joint (transferred pain). Use No. 37.

nasal mucous or lining membrane swells so that mouth-breathing is imperative, and there is a thin acrid discharge from the nostrils. The eyes water, the senses of smell and taste are impaired, the throat reddened, sore, and the neck stiff. There may be hoarseness, cough, and slight deafness.

Chronic Nasal Catarrh.—Caused by recurring attacks of acute coryza.

SYMPTOMS :

There is a special liability to “catching cold,” the mucous membranes readily become congested and swollen, with overabundant thick secretion. If this condition continues it becomes :

Hypertrophic Rhinitis (a thickening of the lining membrane).—The lower turbinals (two spongy bones of the nostrils) are swollen and enlarged, there is constant hawking to remove the thick phlegm from the throat, and the patient becomes a mouth-breather to a varying extent. In the majority of cases it passes into a chronic naso-pharyngeal catarrh (extending from tip of nose to windpipe). The voice becomes nasal, and varying degrees of deafness are common. Or it may, from the beginning, be :

Atrophic Rhinitis (lining membrane is shrunken).—With an unusual roominess of the nasal chambers. The horrible and disgusting odor (*ozæna*), which is the principal symptom of the disease. The sense of smell is abolished. The thick purulent secretion coating the membrane dries into yellowish-green adherent crust, which emits the offensive odor.

TREATMENT :

R	Camphor	16 grains
	Quininæ Hydrochlor	50 grains
	Tinct. Aconite	25 drops
	Tinct. Belladonnæ Folii	25 drops
	Sacch. Lactis	24 grains

M. For 48 tablets. Sig.—One tablet every two hours.

Indications—Used during the acute stage when the mucous membrane is swollen and inflamed.

℞ Acidi Carbolici.....16 drops
Sodii Boratis.....1 drachm
Glycerini, Fl.....3 drachms
Aquæ Dest., to make.....4 ounces

M. Sig.—Used in atomizer three times a day.

Indications—Used to cleanse membrane of secretion.

℞ Acidi Boraci.....1½ drachms
Acidi Salicylici.....2 grains
Acidi Carbolici.....5 minims
Vaselini.....1 ounce
Bergamot.....10 drops

M. Ointment. Sig.—To be applied to the nostrils, mornings and evenings, by means of a cotton-wrapped probe or stick, dipped into the ointment and passed well back into the nostrils. Keep the cotton gently pressed to the upper part of the nostrils, and, with thumb and finger, slightly roll the probe while withdrawing it.

Indications—Used in chronic nasal catarrh. At the same time take internally:

℞ Ammonii Chloridi.....4 drachms
Liq. Ammon. Acetatis.....6 drachms
Ext. Glycyrrh., Fl.....1 drachm
Acaciæ.....1 drachm
Aquæ Ment. Pip., to make.....6 ounces

M. Sig.—One teaspoonful in water every two hours.—DA COSTA.

℞ Borobenzoate of Sodium ⅓ drachm
Pulv. Ext. Hydrastis.....⅓ drachm
Glycerin.....⅓ drachm
Acid Carbolie ⅓ drachm
Aquæ Camphor.....3 ounces
Aquæ Dest.....3 ounces

M. Sig.—To be used in atomizer three times daily.

Indications—Used in naso-pharyngeal catarrh.—WILLIS.

HOMŒOPATHIC TREATMENT:

Arsenicum Album, 3x trituration. Five grains every hour.

Indications—Pain at root of nose; sneezing, with a burning and eating discharge.

Aurum, 3x trituration. Five grains every two hours.

Indications—Nose closed; painful; tender to touch; and turbinated bones enlarged.

Calcarea Carb., 6x trituration. Five grains every three hours.

Indications—Nostrils ulcerated; or gnawing pain at root of nose; discharge dry, or bad smelling.

Hepar Sulph., 3x trituration. Five grains every two hours.

Indications—Nose painful and tender to touch, congested and prone to bleed; scabby formations in nostrils, and loss of smell.

Kali Bicrom., 3x trituration. Five grains every three hours.

Indications—Used in old chronic, scrofulous cases; discharge of pus or fetid matter.

No. 60.

ACUTE AND CHRONIC NEPHRITIS.

ACUTE INFLAMMATION OF THE KIDNEYS; ACUTE BRIGHT'S DISEASE.

SYMPTOMS :

The attack usually comes suddenly. There is chilliness, nausea, and vomiting, pain in the back, and, within twenty-four hours, dropsy is seen in some cases. The characteristic symptom is the early appearance of puffiness of the eyelids and face, with pallor of the skin. Soon a swelling is noticed about the ankles and legs.

TREATMENT :

Absolute rest in bed, the legs should be wrapped in cotton covered with oil silk, exclusive milk diet; a glass of milk and vichy water every two hours. Hot drinks to produce sweating, especially the infusion of juniper berries. Give saline purgatives to promote excretion by the intestines, and the following internally:

℞ Cinchonæ Sulph.....48 grains
Benzonaphthol.....2 drachms

M. For 24 capsules. Sig.—One capsule to be taken three times a day

Indications—Used in acute nephritis.—LE NORD.

℞ Ext. Colocynthis Compositi.....20 grains

M. For 4 pills. Sig.—From two to four pills at one dose.

Indications—To produce a watery discharge from the bowels in acute or chronic nephritis to relieve dropsy and prevent uræmia.

℞ Chloralis.....1½ drachms
Sodii Bromidi.....2 drachms
Aquæ, to make.....2 ounces

M. Sig.—Two teaspoonfuls in water as required.

Indications—Used in threatened uræmic convulsions. In the presence of convulsions give teaspoonful in two ounces of starch mucilage by rectum, and repeat in an hour if required.

℞ Pulv. Scillæ.....6 grains
Pulv. Digitalis 6 grains
Hydrarg. Chlor. Mit.....3 grains

M. For 12 pills. Sig.—One pill three times a day.

Indications—Used as a diuretic in subacute and chronic nephritis with low arterial tension.

℞ Liq. Ferri et Ammon. Acetat.....8 ounces

M. Sig.—One to four teaspoonfuls in water after meals.

Indications—For anemia of Bright's disease.

℞	Chloroformi.....	$\frac{1}{4}$	drachm
	Acid Benzoic.....	$\frac{1}{4}$	drachm
	Potass. Acetat.....	1	ounce
	Aquæ, to make.....	6	ounces

M. Sig.—One tablespoonful every four hours.

Indications—Used in Bright's disease cough.—WAUGH.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Three drops every half hour.

Indications—Used in the beginning of an attack when the fever is high.

Cantharides, 2x dilution. Three drops every hour.

Indications—When the pain is cutting; emission of urine painful, scanty, and sometimes mixed with blood.

Nux Vomica, 3x dilution. Three drops every hour.

Indications—Bruise-like or burning pain in the back, with burning in urethra, and painful desire to urinate.

Pulsatilla, 3x dilution. Three drops every hour.

Indications—Lacerating or drawing pain in the back; drawing pain in cord, or swelling of testes; painful retention, with brick-dust, or pus-like deposit in urine.

NO. 61.

ACUTE AND CHRONIC TONSILLITIS.

INFLAMMATION OF THE TONSILS.

Three varieties of acute tonsillitis occur: superficial, follicular, and parenchymatous.

In acute superficial tonsillitis only the mucous or lining membrane is inflamed, and the earliest symptoms are pain and difficulty in swallowing, the pain often radiating to the ear and glands at the angle of the jaw. In speaking a nasal twang is often noticed.

Sensation of a lump in the throat, bad taste in the mouth, with fetor of the breath. Tonsils are red and swollen. Though dry and glazed at first the surface soon becomes covered with a thin muco-pus, which is easily removed by brushing, gargling, or "hawking" the throat.

In the follicular form, which is quite common in children, the tonsils are more deeply affected. In addition to the pain, tenderness, and difficulty in swallowing, the tonsils are seen to be covered with small, slightly raised whitish-yellow spots or patches, numbering from two to eight or ten or more. These little masses or plugs can easily be removed by gentle pressure. Both tonsils are usually affected in this trouble, though one to a greater degree than the other. The whole tonsil is considerably swollen. The attack usually begins with a chill, headache, aching of back and limbs, and loss of appetite.

In acute parenchymatous tonsillitis (tonsillar abscess) or what is better known as "quinsy," which occurs most often in youth and early adult life, and the symptoms reach the most pronounced and severe types. The structure of the entire tonsil is inflamed and the tendency is toward suppuration (gathering). Complaint is first made of dryness of the throat, with painful and difficult swallowing. Pain radiates to the ears according as one or both tonsils are inflamed. The secretion of mucus soon takes place, and as the swelling increases, the husky voice of sore throat and difficult articulation supervene. The swollen tonsils may cause a bulging forward of the parts, and push the enlarged palate to one side; or if both tonsils are affected, they may grasp or push it forward. In severe cases the tonsils may meet in the center, and make eating impossible and breathing difficult.

In a few days softening may be detected, and rupture and discharge of the pus may occur, with almost instant relief to the patient.

TREATMENT :

℞	Tinct. Aconiti.....	24 minims
	Chloralis	24 grains
	Spir. Ætheris Nitrosi, Fl.....	4 drachms
	Syr. Auranti Florum, Fl ...	1 ounce
	Aquæ, to make.....	3 ounces

M. Sig.—One teaspoonful every two hours.

Indications—Used in early stages of acute superficial tonsillitis.

℞	Protonucleini.....	2 drachms
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M. For 24 compressed tablets. Sig.—Dissolve one tablet in the mouth every two hours until flushing of face and neck, then one every four hours.

Indications—Used to abort (cut short) inflammation in early stages of acute, superficial tonsillitis.

℞	Argenti Nitratis.....	5 grains
	Aquæ Dest.....	1 drachm

M. Sig.—Apply to the tonsils once with a swab or brush.

Indications—Used to abort inflammation in early stages of superficial tonsillitis.

ACUTE FOLLICULAR TONSILLITIS—

℞	Potassii Chloratis.....	30 grains
	Tinct. Ferri Chloridi.....	1 $\frac{1}{4}$ drachms
	Glycerini	1 $\frac{1}{4}$ drachms
	Aquæ Dest., to make.....	1 ounce

M. Sig.—Swab the throat every two hours with the solution.

One tablet, made as follows, should be dissolved in the mouth and swallowed after each swabbing:

℞	Hydrarg. Chlor. Mit	2 grains
	Sodii Bicarb.....	24 grains

M. For 12 compressed tablets. Sig.—Use as above directed.

Indications—Used to abort or cut short an acute attack of follicular tonsillitis.

For the headache, soreness, and other disturbances use the following:

R	Acetanilid	35 grains
	Camphora Monobromatea	8 grains
	Sodii Salicylate	15 grains
	Ext. Hyoscyami	2 grains

M. For 15 capsules. Sig.—One capsule every hour until relieved or five have been taken.

PARENCHYMATOUS TONSILLITIS (QUINSY)—

R	Ichthyoli	3 drachms
	Ungt. Belladonna	2 drachms
	Oil Citronella	3 minims
	Adipis Lanæ Hydrosi	3 ounces

M. Ointment. Sig.—Apply freely on the neck under the jaw, from ear to ear.

Indications—Used to relieve pain in acute parenchymatous tonsillitis (quinsy).

Take internally the following preparation:

R	Tinct. Aconiti	6 minims
	Hydrarg. Chlor. Mit.	1 grain
	Sacchari Lactis	30 grains
	Alcohol, q. s.	

M. For 24 triturated tablets. Sig.—Dissolve on the tongue and swallow one tablet every half hour.

Indications—Used in the early stages of quinsy.

HOMŒOPATHIC TREATMENT:

Belladonna, 2x dilution. Three drops every hour.

Indications—When throat is sore, or dryness with burning; tonsils enlarged, red or purple in color; and difficulty in swallowing.

Merc. Biniodide, 2x trituration. Five grains every two hours.

Indications—Stitching pains in tonsils when swallowing; soreness frequently extending to the ears; pain aggravated by cold and at night; tongue foul and slimy; and profuse flow of saliva.

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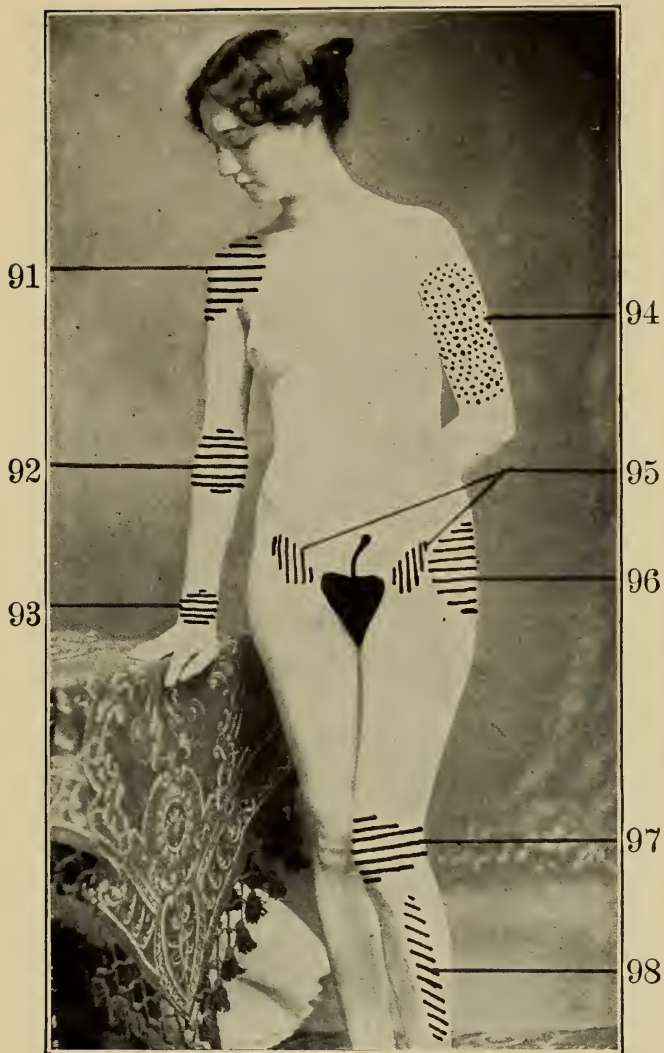


Fig. 20.

- 91, 92, 93. Articular rheumatism. Use No. 17.
- 94. Myalgia. For treatment, use No. 38.
- 95. Ovaryache. See Figs. 28 and 29.
- 96. Diseased or injured hip-joint. Use No. 37.
- 97. Synovitis. For treatment, use No. 35.
- 98. Sciatica. For treatment, use No. 25.

No. 62.

DIABETES INSIPIDUS, AND MELLITUS.

Nervous or physical shock, violent exertion, or excess, may cause diabetes insipidus. The onset may be acute, more often gradual. The patient may enjoy moderately good health, but notices a decidedly increased output of urine and corresponding thirst. The condition may persist for years, the patient having an unquenchable thirst, and passing from 6 to 12 times the normal quantity of urine.

Diabetes mellitus may manifest itself in a variety of ways. A small number of cases are acute in onset and course. Many of these have suffered severe nervous shock or injury, and nearly all are young adults with a family history of diabetes, rheumatism, or syphilis. The symptoms are: increased urine, ravenous hunger and thirst, rapid loss of flesh and strength, itching, and irritable.

More often the severe type of diabetes begins insidiously, and even after a year or more the nervous symptoms and loss of flesh may be attributed to neurasthenia (nervous debility). Loss of sexual power, impaired vision, lung troubles, eczema, and other complications gradually develop, while the urine, although containing immense quantities of sugar, is not sufficiently increased in quantity to attract attention. Finally, the characteristic symptoms appear, and the patient either enters upon a chronic remitting course, lasting for a few years, or progresses rapidly to the fatal end.

TREATMENT:

R. Acidi Gallici.....1 ounce

M. For 24 capsules. Sig.—One capsule after each meal.

Indications—Used in diabetes insipidus dependent upon relaxation of kidney.

For the intolerable thirst use the following:

℞ Pilocarpin Nitrat..... $\frac{1}{2}$ grain
Spir. Vini Dil 20 drops
Aquæ.....1 drachm

M. Sig.—Moisten the tongue with five or six drops four or five times daily.—N. E. MED. MON.

℞ Sodii Phosphatis.....8 ounces

M. Sig.—One tablespoonful in glass of hot water every morning before breakfast.

Indications—Used in diabetes mellitus with torpid liver.

℞ Ext. Pancreati.....1 ounce

M. For 24 capsules. Sig.—Three capsules two hours after each meal.

Indications—Used in diabetes mellitus with disorder of pancreas.

℞ Liq. Potassii Arsenitis, Fl.....1 ounce

M. Sig.—One drop in water after each meal, and increase dose daily until mild physiological effect, then reduce dose.

Indications—Used in anemic and rheumatic cases of diabetes mellitus. At the same time and in connection with this use the following:

℞ Lithii Carbonatis.....4 drachms

M. For 24 capsules. Sig.—One capsule two hours after each meal.—N. E. MED. MON.

HOMŒOPATHIC TREATMENT:

Ammonium Carbonicum, 3x trituration. Five grains every four hours.

Indications—Headache; want of the ordinary capacity to think; bitter taste, with frequent belching; bowels constipated; frequent and copious discharge of urine; itching of privates; lameness and weariness in lower limbs.

Aurum, 3x trituration. Five grains every four hours.

Indications—Passing large quantities of urine; dull pain in urethra; bitter taste, want of appetite, nausea; weakness in lower limbs.

Antimonium Crude, 2x trituration. Ten grains every three hours.

Indications—Bloating in stomach and bowels; frequent discharges of urine, with burning in urethra; pain in back; violent thirst; and painful pressure in the stomach.

Arsenicum, 3x trituration. Ten grains every three hours.

Indications—Pale sunken countenance; violent thirst; pain in pit of stomach, with bloating; frequent urging to urinate, with a burning urine, dark red and turbid.

Digitalis Tincture. One drop every two hours.

Indications—Diminished flow of urine; sharp cutting pain before and after urinating; nausea, and pains in the stomach, particularly after eating; face pale; lips dry and parched; and all the symptoms aggravated in a warm room.

No. 63.

TYPHOID FEVER.

An infection by the typhoid germ, most common between 15 and 25 years of age. Prevails especially during autumn. Period of incubation varies from eight to twenty-three days. During this period there may be weakness, lassitude, and general ill-feeling.

SYMPTOMS :

Headache, pains in back and legs, chill (rare), chilliness, cough, nosebleed, loss of appetite, nausea, or slight

diarrhœa. The patient finally takes to his bed. In the majority of cases the disease lasts 28 days, in the severer cases 42 days, or even longer.

Fever.—In the average case the temperature rises gradually during the first week, reaching 104° to 105° , with morning remissions of 1 to $1\frac{1}{2}$ degrees. During the second week it remains with slight remissions; so also during the third week, except that the remittent character is more marked. During the fourth week, or at the end of the third week, the morning record approaches or becomes normal, while the evening temperatures, which are from 1 to 4 degrees higher than those of the morning, persist, but with gradually decreasing height, until by the end of the fourth week the record is 98.6° (normal).

TREATMENT :

THE DIET IN.—Robertson marshals a strong array of facts in favor of more liberal feeding in typhoid fever. It is strange, in view of the fact that the exhaustive wasting is so pronounced in this disease, and since no specific remedy exists, that no determined effort is made to increase the resistance of the patient by systematic and judicious feeding. Fitz has shown by statistical study of the cases occurring in the Massachusetts General Hospital from 1821 to 1899—a period of 78 years—that the mortality has varied little from the days when calomel, tartar emetic, and bleeding were practised, to the present time, so that little can be hoped for in the light of our present knowledge as far as treating typhoid fever is concerned. The disease is too strictly a self-limited one to hope for much even from liberal feeding, as far as the duration of the actual attack is concerned; but to those who have permitted themselves to override a deeply rooted prejudice, an increase in the dietary materially lessens the period of invalidism, and restores the patient to health

very promptly after the fall of temperature. Of course, profoundly toxic or comatose cases cannot be fed for various reasons, but to the average case, in addition to milk, bread, potatoes, cereals, gelatin, eggs, raw or cooked in any fashion, spinach, oysters, puddings, soups, even meat can be given with impunity. To those who have made many autopsies it is well known that no matter what the diet the contents of the small bowel are always liquid, and even in the large bowel down to the splenic flexure. It is not the diet which predisposes to hemorrhage or perforation of the bowel, but the nature of the morbid lesion itself. In no other intestinal lesion do we exercise such extreme caution in feeding. As a matter of fact, it is very probable that a more extended trial of the plan herein advocated will serve to lessen the tendency to these complications by increasing the tone and vigor of the patient, and in consequence the resistance.

Leach thinks that the time to push treatment is at the beginning. Elimination and asepsis are the principal objects. The following are his favorite prescriptions:

℞ Sodium Sulphocarbolate..... $2\frac{1}{2}$ drachms
 Fl. Hydrastis.....2 drachms
 Aquæ Dest., to make.....2 ounces

M. Sig.—One teaspoonful in water 30 minutes before taking nourishment. Give nourishment at three, six, nine, and twelve o'clock, and follow with:

℞ Scale Pepsin..... $\frac{1}{2}$ drachm
 Acid Hydrochloric Dil.....20 minims
 Aquæ Dest., to make.....2 drachms

Or, substitute for the sulphocarbolate mixture, ten grains of guaiacol in capsules. If there is watery diarrhœa substitute zinc sulphocarbolate for the sodium salt, but give after the same plan, as the drugs given in this way will best favor digestive processes and allows two and one-half hours for sleep and rest between doses. If there is constipation, substitute aromatic cas-

cara sagrada for the hydrastis, and use normal saline enemas, not waiting for the cascara to act, as constipation is more serious than is diarrhœa.

Another favorite treatment for typhoid fever is the following:

℞ Hydrarg. Chlor. Mitis 1 grain
Sodii Bicarbonatis 10 grains

M. For 6 powders. Sig.—One powder on the tongue every hour.

Indications—For relief of constipation. To be used only during first week.

℞ Bismuth Sub-nitratis 2 drachms

M. For 12 powders. Sig.—One powder every three hours.

Indications—Used to control excessive diarrhœa.

℞ Oil Terabinthinæ, Fl. 2 drachms
Acaciæ $\frac{1}{2}$ drachm
Sacchari $\frac{1}{2}$ drachm
Aquæ, to make 3 ounces

M. Sig.—Teaspoonful in water every three hours.

Indications—Used to control excessive diarrhœa, especially during convalescence.

In thrombosis (obstruction) of the femoral vein in typhoid fever is best treated by elevating the leg and keeping it at perfect rest, and applying the following ointment:

℞ Ungt. Ichthyol. 1 drachm
Adepis Lanæ Hydros 1 drachm
Ungt. Belladonna $\frac{1}{2}$ ounce

M. Sig.—Apply along the course of the blood-vessel three times daily.

After the swelling has subsided an elastic stocking should be worn for a couple of months.—ANDERS, "PRACTICE OF MEDICINE."

℞ Ferri Subsulphatis 30 grains
Kaolin, q. s.

M. For 10 pills. Sig.—One pill three times a day.

PAIN.

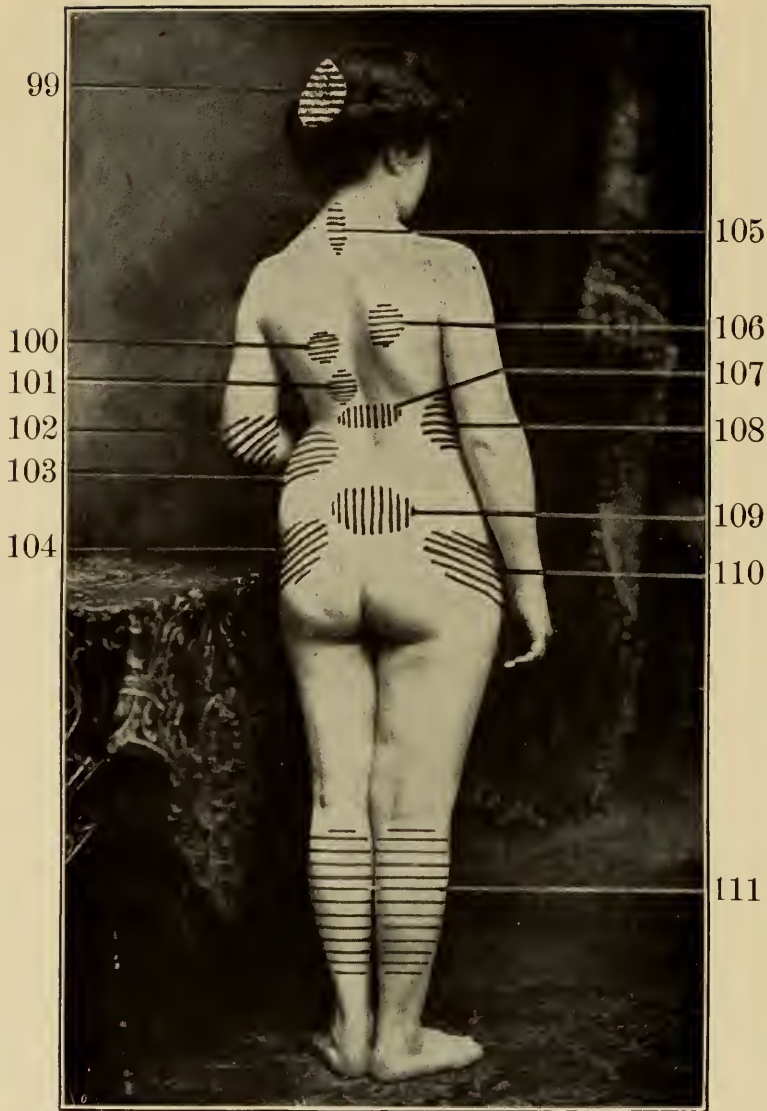


Fig. 21.

- 99. Anemia. Use head pain e., in No. 14.
- 100. Splenitis. For treatment, use No. 19.
- 101. Ulcers of stomach. For treatment, use No. 12.
- 102. Rheumatism. For treatment, use No. 17.
- 103. Renal colic. For treatment, use No. 24.
- 104. Ovarian trouble. See Figs. 28 and 29.
- 105. Spinal irritation. For treatment, use No. 39.
- 106. Torpid liver. Use treatment No. 20.
- 107. Loaded colon. Use Hall's treatment No. 33.
- 108. Torpid liver. For treatment, use No. 20.
- 109. Diseased Uterus. See Figs. 28 and 29.
- 110. Ovarian pain. See Figs. 28 and 29.
- 111. Cramps. For treatment, use No. 26.

Indications—Used for intestinal hemorrhage of typhoid fever.

℞	Spir. Ammoniaë Aromat	4 drachms
	Tinct. Digitalis	2 drachms
	Elixir Simp	4 drachms
	Aquæ Dest., to make	3 ounces

M. Shake. Sig.—One teaspoonful every three hours.

Indications—Used in heart failure of typhoid fever.

HOMŒOPATHIC TREATMENT :

Bryonia, 3x dilution. Five drops every hour.

Indications—Used at the beginning of the attack, when there is headache; chills alternating with flashes of heat; pains in the back and limbs; cough; restlessness at night, and a furred tongue.

Belladonna, 3x dilution. Five drops every hour.

Indications—Used when pulse is full, skin hot and dry, great thirst, headache, and a sensitiveness to light.

Rhus Tox., 3x dilution. Five drops every hour.

Indications—Used if the symptoms still resist and increase in violence, with skin still dry, face flushed and rather dark; tongue dry and coated with a dark fur; mind wandering; incoherent muttering.

Arsenicum, 3x trituration. Five grains every hour.

Indications—Used when there is great prostration of strength, very feeble pulse, offensive stools, dry tongue, with red spots or blisters, and coating bloody or dirty color.

Hyoscyamus, 3x dilution. Five grains every hour.

Indications—Used when there is moving and occasional drawing up or rather violent straightening of the legs; alternate mild and furious delirium; and involuntary discharges.

No. 64.

TUBERCULOSIS.

CONSUMPTION ; PHTHISIS.

Pulmonary Consumption.—A disease characterized by emaciation or progressive wasting of the body, persistent cough, with expectoration of opaque matter and sometimes with blood, loss of color and strength, hectic fever, night-sweats, and diarrhœa. These symptoms are associated with well-marked pathological changes in the lung,—namely, the formation of consolidations in a granular or diffuse form. The chief causes of this disease are heredity or family predisposition, acute fevers, sudden changes of the weather, bad ventilation, damp soil, etc.

TREATMENT :

A diet for tuberculosis is arranged by Einhorn (Post Graduate) as follows: Breakfast at 7:30 A. M., two eggs, toasted bread and butter, coffee, with half milk, sugar and cream. A glass of milk, bread and butter at 10 A. M. Lunch at 12:30, meat (steak, chicken), mashed or baked potatoes, white bread and butter, cup of coffee with milk and sugar. At 4 P. M. the same as at 10 A. M. Dinner at 7 P. M., meat-soup, with a little rice in it, meat, mashed potatoes, rice or green peas, or any other light vegetable, bread and butter. Oysters, crackers and butter, a glassful of ale or stout at 10 P. M. The diet should be carried through whether there is appetite or not.

Exercise in Tuberculosis.—Parker Murphy instructs his patients to breathe deeply, and, when the fever declines, to perform extension movements, slowly raising the arms to the horizontal, then over the head until

the hands meet, at the same time slowly and deeply inspiring and expiring. All the exercise to increase the lung cavity must be coincident with deep breathing. The importance of expanding and revivifying as soon as possible a lung the nutrition of which is depressed can hardly be overestimated.

Knopf's outline of treatment in the "Twentieth Century Practice of Medicine" is as follows: Home treatment, such as absolute cleanliness, and choosing for the patient the largest, pleasantest, sunniest, best-ventilated rooms. There should be no carpets, heavy curtains, or superfluous furniture.

AIR AND SUNSHINE TREATMENT.—Exposure of the whole body in its nude (naked) state to the air and the rays of the sun is of great benefit and renders the cutaneous (skin) system less susceptible to atmospheric changes.

SYSTEMIC TREATMENT.—Marfan prescribes cod-liver oil, phosphorus, and creosote as follows:

R	Oil Morrhue		10½ ounces
	Creasoti		½ ounce
	Phosphori		1 ounce

M. Sig.—One dessertspoonful after each meal. This combination is very beneficial if well borne.

Hare says: 1. Never use cod-liver oil when the disease is past the primary stage unless fibrous changes are going on and the changes are very slow. 2. The use of it during the rapid degenerative changes is harmful, as it is of no service, disorders and destroys the appetite.

R	Creasoti Carbonatis		2 drachms
	Ammonii Sulphoichthyol		2 drachms
	Glycerini		1 ounce
	Aquæ Menthæ Pip		2½ drachms

M. Sig.—Ten to thirty drops three times a day.—GOLDMAN.

Landouzy states that great benefit is derived from saline injections subcutaneously by reason of reflex ac-

tion on the nervous system. The formula he uses is as follows:

℞ Sodii Phosphatis.....	37½ grains
Potassii Phosphatis.....	37½ grains
Sodii Chloridi.....	60 grains
Sodii Sulph.....	5 drachms
Aquæ Dest.....	6 ounces

M. Sig.—To be used hypodermically in quantity desired.

COUGH AND PAIN—

℞ Aquæ Aurantii Flor.....	4 ounces
Syr. Chloralis.....	½ ounce
Syr. Morphinæ.....	½ ounce
Aquæ Laurocerasi.....	3 drachms

M. Sig.—One dessertspoonful every hour.

Indications—Used for cough and pain in tuberculosis.
—MED. REC.

SOOTHING SYRUP—

℞ Syr. Licorice Root.....	1 ounce
Aromatic Rhubarb.....	½ ounce
Fl. Ext. Opium.....	1 drachm
Liq. Ammo. Acetat.....	5 ounces

M. Shake well. Sig.—One tablespoonful every three or four hours.

Indications—Used as a soothing syrup in consumption.—JOHNSON.

HÆMOPTYSIS (Hemorrhage)—

Bleeding of the lungs in tuberculosis, phthisis, or consumption.

℞ Potassi Bromidi.....	2 drachms
Chloralis.....	1 drachm
Syr. Acaciæ, Fl.....	4 drachms
Aquæ, to make.....	2 ounces

M. Sig.—Two teaspoonfuls in water at once, and then one teaspoonful every hour until patient becomes quiet.

Indications—To be used if heart is rapid, strong, and patient is excited. Place ice bag on chest.

℞ Tinct. Aconiti 4 minims
 Aquæ 1 ounce

M. Sig.—One teaspoonful every hour until pulse becomes quiet and compressible.

Indications—Used to quiet excited, overacting heart.

Lemoine advises hot foot-bath, and purgation with the following combination:

℞ Pulv. Sennæ 2 drachms
 Sodii Sulphatis 2 drachms
 Aquæ Bull., to make 1 pint

M. Sig.—To be taken at one dose.

If the hemorrhage is subsiding use only magnesium sulphate.

For continuous small bleeding he uses the following:

℞ Quininæ Sulphatis 1 drachm
 Pulv. Ergotæ 1½ drachms

M. For 12 capsules. Sig.—One capsule every morning.

In sudden large hemorrhages omit the foot-bath, and envelop the legs in iodized cotton, and bathe the hands in hot water to dilate the peripheral blood-vessels. He states that perchloride of iron is useless and ergot not very good, but ergatol may be given hypodermically.

OBSTINATE TUBERCULAR DIARRHŒA—

℞ Ichthoformi 1 drachm
 Tannalbin 1 drachm
 Bismuth Subgallatis 1 drachm
 Codein 3 grains
 Oil Menthæ Pip 3 minims

M. For 12 powders. Sig.—One powder every two to six hours.

Creosote is given by injection by Crasset in the following proportions:

℞ Tinct. Opii 45 minims
 Creasoti, Fl 1 ounce
 Oil Olivæ, Fl 10 ounces

M. Sig.—A teaspoonful rubbed up to an emulsion with the yolk of one egg and 3½ fl. ounces of water, and inject into the bowels, morning and evening.

NEW TREATMENT FOR TUBERCULOSIS—

Fliesburg has treated 47 cases of tuberculous diseases of the lungs, glands, joints, and tendons with excellent results. He injects the fluid, whose formula is given below, deeply into the muscles of the abdomen, back, and loins for tuberculosis of the lungs and intestines, into tuberculous joints and tendons, and sometimes into swollen glands.

℞ Iodin. Crystals	1.50
Phosphorus, Pure	0.25
Thymol.....	1.25
Menthol	1.25
Guaiacol.....	1.25
Cod-Liver Oil Sterilized	50.00

M. Sig.—Use only hypodermically.

For tuberculosis of the lungs, throat, glands, and intestines, one to three syringefuls once a day, preferably in the forenoon; for tuberculosis of joints and tendons inject into foci deeply, and then apply bandage; repeat in four to eight days as necessary. The injection, if made deeply into the muscles, is not painful, and causes no erythema or induration to speak of. The induration and erythema always disappear in from 48 to 72 hours without suppuration, and in no case has it been necessary to treat the skin condition. There is sometimes in the beginning of the treatment a little thermal reaction, causing an evening rise of one to two degrees F. At no time should the injections be made in the same place twice in succession.

NIGHT SWEATS—

Sielot's formula for night sweats of tuberculosis (phthisis; consumption), is as follows:

℞ Agaricin	7½ grains
Pulv. Ipecacuanhæ et Opii.....	2 drachms
Powd. Marshmallow.....	1½ drachm
Mucil. Acaciæ, Fl.....	1½ drachm

M. For 100 pills. Sig.—One to two pills in the evening.

Herschfeld reports excellent results from sponging the patient's body with:

℞ Balsami Peruviani.....	30 grains
Acidi Formici.....	1 $\frac{1}{4}$ drachms
Chloralis Hydratis.....	1 $\frac{1}{4}$ drachms
Alcoholis.....	6 ounces

M. Sig.—Sponge the patient's body at night.

ANOREXIA (Loss of Appetite)—

℞ Pulv. Condurango.....	1 $\frac{1}{4}$ drachms
Sodii Bicarb.....	1 $\frac{1}{4}$ drachms

M. For 20 powders. Sig.—One powder an hour before each meal.

Or:

℞ Tinct. Condurango	2 ounces
Tinct. Cinchonæ Comp.....	2 ounces

M. Sig.—One teaspoonful three times a day before meals in water or infusion of melissa.—DEBOVE and GONRIN.

HOMŒOPATHIC TREATMENT:

Calcarea Carbonica, 3x trituration. Five grains every three hours.

Indications—Physical depression; pimply and scaly eruptions; flush of cheeks; dryness or soreness of nostrils with a tendency to bleed; dark borders around the eyes; swelling and itching of gums; enlarged tonsils and palate; bad taste; distress in stomach and distended abdomen; hacking cough; frequent urinating at night; stitches in left chest; difficult breathing, and tightness in chest.

Calcarea Phos., 3x trituration. Five grains every three hours.

Indications—Pain in joints; languor and debility; pimples; colicky pains; irregular bowels; choking sensation in throat.

Ferrum, 3x trituration. Five grains every three hours.

Indications—Pain and tightness of chest; sensation of stretching between shoulder-blades; asthmatic-like breathing; spasmodic cough; spitting of mucus, with more or less blood at night; pale face and lips, and swelling around the eyes.

Kali Carb., 3x trituration. Five grains every three hours.

Indications—Loss of strength; drowsiness during the day and restless at night; starting during sleep, with disturbing dreams; shortness of breath; hoarseness, with a dry hacking cough, or spitting of pus; chilliness; dry heat of cheeks and hands; night sweats; irritable temper, and pain in left chest.

Silicia, 6x trituration. Five grains every three hours.

Indications—Oppression of chest; suffocating cough, with spitting of pus; bruise-like pains between shoulder blades; swelling and hardening of glands; pains in back and curvature of spine; joints sensitive to pressure.

Pulsatilla, 3x dilution. Five drops every hour.

Indications—Creeping or shuddering chills; palpitation of the heart; dyspeptic symptoms, or mucous diarrhoea.

Belladonna, 3x dilution. Five drops every hour.

Indications—Rushing of blood to the head and stupefying headache; bloated or flushed face; sunken eyes; labored, irregular breathing, with moaning, and spasmodic cough.

Chamomilla, 3x dilution. Five drops every hour.

Indications—Extreme nervous irritability and restlessness; hoarseness, and oppression of the chest.

PAIN.

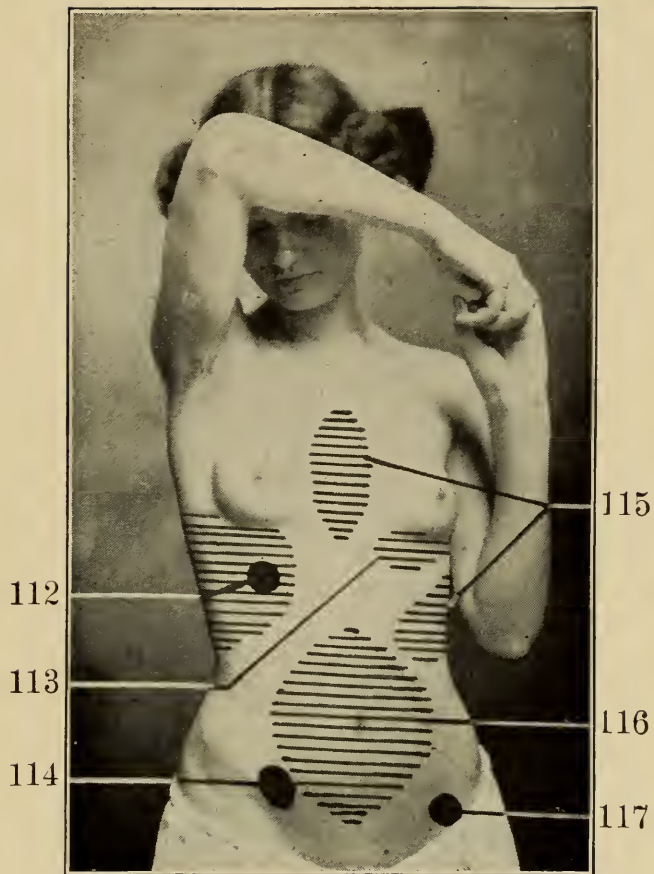


Fig. 22.

112. Hepatic colic. For treatment, use No. 50.
 113. Splenitis. For treatment, use No. 19.
 114. Inflammation of cæcum or ileo cæcal valve. For treatment, use No. 281.
 115 and 126 in Fig. 24. Neuralgia of stomach. For treatment, use No. 13.
 116. Catarrh of small intestines. Use No. 6.
 117. Spasms of ureters. Use treatment No. 51.

No. 65.

DISEASES OF THE HEART.

FEEBLENESS OF THE HEART.—This condition is particularly met with in older people whose powers are beginning to wane. Heart sounds are normal, but when at rest the pulse is feeble and irregular. The irregularity is ascribed to interference of feeble pulse waves, in a low-toned and badly-filled channel. Cardiac drugs are contra-indicated. Rest, good food, pleasant occupation, and a general tonic, as the following, will bring about complete restoration:

℞	Strychninæ Sulphatis.....	$\frac{1}{4}$ grain
	Acidi Phosphorici Dil.....	$1\frac{1}{4}$ drachms
	Ferri Phosphatis.....	$7\frac{1}{2}$ grains
	Quininæ Bisulphatis.....	$7\frac{1}{2}$ grains
	Glycerini.....	$3\frac{3}{4}$ drachms
	Elixir Aurantii, to make.....	8 ounces

M. Sig.—From two to four teaspoonfuls before each meal.

FEEBLE HEART—

℞	Spir. Ammoniaë Aromat.....	1 ounce
	Tinct. Nucis Vomicaë.....	1 drachm
	Tinct. Digitalis.....	2 drachms
	Tinct. Cardamomi, to make.....	3 ounces

M. Sig.—One teaspoonful in water every eight hours.

Indications—Used in heart asthenia (debility). Also in larger doses in sudden heart failure.

℞	Tinct. Digitalis.....	2 drachms
	Tinct. Aconiti.....	$\frac{1}{2}$ drachm

M. Sig.—Five drops in water every four hours.

Indications—Used in irregular hearts of persons who are leading a sedentary life, but who have previously been accustomed to violent exercise or hard labor. Also used in tobacco heart.—N. E. MED. MON.

℞	Tinct. Cacti Grandiflori.....	1 ounce
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M. Sig.—Five to ten drops in water three times a day after meals.

Indications—Used in feeble heart with arrhythmia (irregular). Also in cases of cardiac (heart) enfeeblement with or without valvular lesions, in which digitalis fails.

℞ Ext. Convallariæ Fluidi $\frac{1}{2}$ ounce

M. Sig.—Five to ten drops in water three times a day after meals.

Indications—Used in cardiac arrhythmia and enfeeblement. Often found to be of value when cases are not benefited by digitalis.

PALPITATION —

℞ Salol 1 drachm
Bismuth Subcarbonatis 1 drachm
Magnesiæ 2 drachms
Pepsin (scale) 2 drachms

M. For 24 capsules. Sig.—One capsule after each meal.

Indications—Used in palpitation of the heart with stomach and intestinal fermentation and bloating.

ADVANCED HEART DISEASE —

℞ Gambogiæ 12 grains
Pulv. Jalapæ Comp. 12 drachms

M. For twelve powders. Sig.—One powder as required to produce watery stools.—FOTHERGILL.

HEART COLLAPSE.—“The Independance Medicale” attributes the following to Schilling:

℞ Camphor 150 grains
Olive Oil 1,500 grains

M. Sig.—From 32 to 160 minims to be injected hypodermically.

ENDOCARDITIS (inflammation of lining membrane of the heart).—Most frequently associated with acute rheumatic fever, scarlet fever, and phthisis.

℞ Pulv. Opii 2 grains
Hydrarg. Chlor. Mit. 1 grain
Sacchari Lactis 15 grains
Alcohol, q. s.

M. For 10 triturated tablets. Sig.—One every hour.

Indications—Used in acute stage of sthenic (active; strong; robust) cases.

Yeo ("A Manual of Medical Treatment") prescribes the following in convalescence from endocarditis:

℞	Potassii Iodidi.....	32 grains
	Potassii Bicarbonatis.....	80 grains
	Spir. Ammon. Aromat.....	4 drachms
	Tinct. Cinchonæ Comp.....	1 ounce
	Aquæ, to make.....	8 ounces

M. Sig.—One tablespoonful three times a day.

HEART STIMULANT AND DIURETIC (to increase flow of urine) combined.—Bruce gives the following combination:

℞	Potass. Acetatis.....	160 grains
	Tinct. Digitalis.....	80 minims
	Tinct. Scillæ.....	160 minims
	Liq. Strychninæ Hydrochloridi.....	32 minims
	Infusi Senegæ, to make.....	8 ounces

M. Sig.—Tablespoonful every three to four hours.

CARDIAC HYPERTROPHY (enlarged heart).—Prof. Da Costa directs the diet to consist of milk, fish, vegetables. No coffee or tobacco. And the following preparation:

℞	Tinct. Aconiti.....	32 minims
	Tinct. Verat. Viridis.....	96 minims
	Syrup Zingiberis.....	224 minims
	Aquæ, to make.....	4 ounces

M. Sig.—One teaspoonful three times a day.

CARDIAC (HEART) DROPSY.—Curtin gives the following combination in the treatment of anasarca and general dropsy due to a right heart incompetency:

℞	Sodii Benzoatis.....	48 grains
	Tinct. Digitalis.....	72 minims
	Spir. Etheris Nitrosi.....	8 drachms
	Diuretin.....	72 grains
	Spir. Chloroformi.....	6 drachms
	Aquæ, to make.....	3 ounces

M. Sig.—One teaspoonful every two hours.

To improve the hepatic (liver) circulation in such conditions, calomel serves the purpose best; however, blue mass, podophyllin, sodium phosphate or other cholagogues may be substituted for it.

℞ Adonidini 3 grains
 Sacchari Lactis.....36 grains
 Alcohol, q. s.

M. For 24 triturated tablets. Sig.—One to two tablets three times a day after meals.

Indications — Used in cardiac enfeeblement with dropsy, especially in cases not benefited by digitalis.

MITRAL DISEASE, with bronchial catarrh and dropsy.—Balfour uses the following in the treatment of this condition :

℞ Tinct. Scillæ.....1 drachm
 Tinct. Digitalis.....1 drachm
 Aquæ Cassiæ, to make.....4 ounces

M. Sig.—One tablespoonful every four hours.

FATTY HEART—

℞ Sodii Arsenitis 1 grain
 Potass. Iod.....48 grains
 Pulv. Nucis Vom.....8 grains
 Pulv. Rhei 48 grains
 Ext. Dulcamaræ..., ...96 grains

M. For 64 pills. Sig.—One pill to be taken daily.—ROBIN.

HOMŒOPATHIC TREATMENT.

FEEBLE HEART—

Agaricin, 1x trituration. Five grains every hour.

Indications—Used in profuse sweating, and twitching of the muscles.

Strychnia Sulph., 3x trituration. Five grains every two hours.

PALPITATION—

Arsenicum Album, 3x trituration. Five grains every two hours.

Indications—Used when palpitation occurs during old age.

Nux Vomica, 2x trituration. Three grains every hour.

Indications—Used when caused by intoxicating drinks.

Aconite, 3x dilution. Five drops every hour.

Indications—When caused by congestion.

ENDOCARDITIS —

Aconite, 3x dilution. Five drops every hour, or half hour.

Indications—Used in the beginning, and continued until an amelioration of symptoms, or indication of another remedy.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—Used when the pain is stitching, with oppressed breathing, and aggravated by motion.

Spigelia, 3x dilution. Five drops every hour.

Indications—Used when the pain is dull, stitches, or lacerating, with constriction of the chest and anguish; violent beating of the heart, with danger of smothering.

HYPERTROPHY (enlarged heart) —

Aconite, 2x dilution. Three drops every hour.

Indications—Used in congestive symptoms.

Arnica, 3x dilution. Three drops every hour.

Indications—Used when hypertrophy is due to violent exercise.

Rhus Tox., 30x dilution. Three drops every hour.

Indications—Used in hypertrophy of rheumatic subjects.

CARDIAC DROPSY —

Apocynum Tincture. Two drops every two hours.

Digitalis Tincture. One drop every two hours.

No. 66.

ULCERS.

VARICOSE ULCERS.—OINTMENT—

R _x	Acidi Carbol.....	$\frac{1}{2}$ drachm
	Acidi Borici.....	$2\frac{1}{2}$ drachms
	Camphoræ.....	2 drachms
	Ichthyol.....	5 drachms
	Oil Amygdala Dule.....	$2\frac{1}{2}$ drachms
	Ungt. Zinci Oxidi.....	$3\frac{1}{2}$ ounces

M. Sig.—Apply to ulcers night and morning.

Indications—Used in varicose or leg ulcers.

Two German physicians have recently called attention to the value of camphor dressings in promoting the healing of varicose ulcers of the legs. They make use of the following ointment:

R _x	Pulv. Camphoræ.....	5 grains
	Zinci Oxidi.....	50 grains
	Adipis, to make.....	4 drachms

M. Sig.—Apply to the ulcer every other day.

If this should be found to be too irritating the following should be applied in its stead:

R _x	Camphoræ.....	6 grains
	Zinci Oxidi.....	2 drachms
	Oil Olive.....	$2\frac{1}{2}$ drachms

M. Sig.—Apply as directed above.

An alternative application is a solution of camphor in spirit, but this should be applied only after the ulcer has been thoroughly cleansed of scabs and crusts by poultices. It is asserted that complete healing of the ulcer will take place within three weeks.

Old or indolent ulcers, even when painful and due

PAIN.

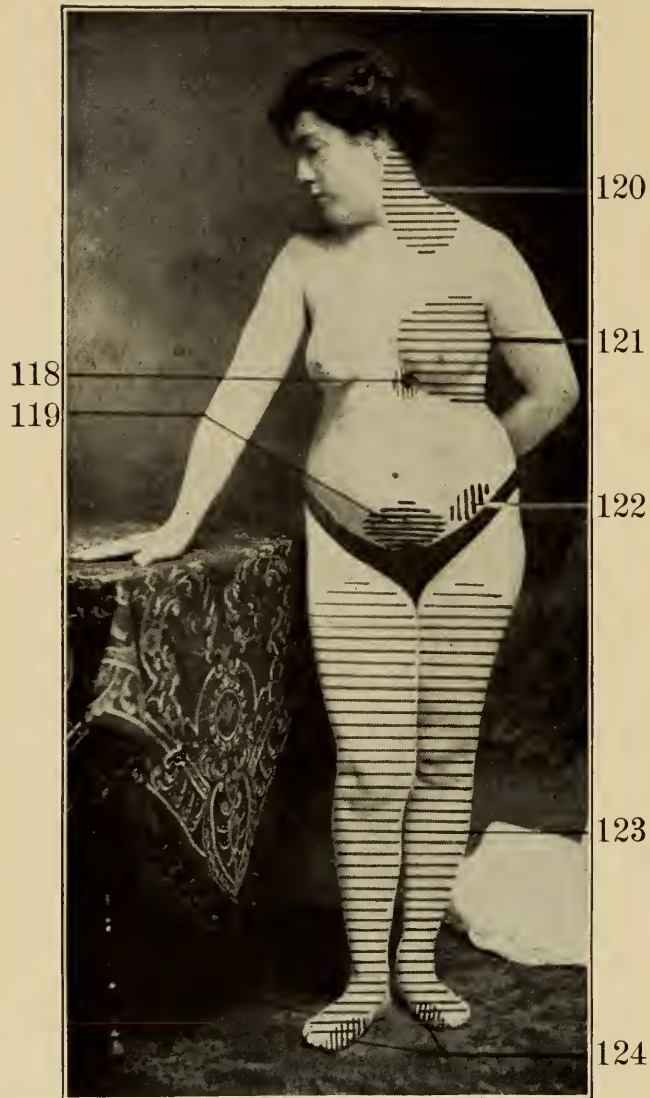


Fig. 23.

- 118. Ulcers of the stomach. Use treatment No. 12.
- 119. Inflammation of womb, or bladder. See Fig. 28.
- 120. Myalgia (wry-neck or stiff-neck). Use No. 38.
- 121. Intercostal neuralgia; myalgia (muscular rheumatism).
If pain is severe but not increased by breathing use treatment No. 16, but:
If breathing greatly increases the pain use No. 38.
- 122. Ovaryache. See Fig. 28.
- 123. Beriberi; Locomotor ataxia. For the first use No. 52, and for the latter use No. 45.
- 124. Gout. For treatment, use No. 31.

to varicose veins, may be made to heal comfortably with the following :

R_x Antipyrin 1 drachm
Boric Acid.....3 drachms

M. Sig.—Dust well over the ulcer once daily after a thorough cleansing.

R_x Europheni 1 drachm
Tinct. Conii, Fl.....2 drachms
Petrolati, to make.....2 ounces

M. Sig.—Apply freely on surgeon's lint twice daily.

Indications—Used in painful, irritating leg ulcers.

WEeping ULCERS—

R_x Calcii Carbonatis Præcipitati.....1 ounce.

M. Sig.—Use freely once or twice daily as a dusting powder.

Indications—Used as drying powder in moist or weeping ulcers.

RHEUMATIC ULCERS—

R_x Piperazini.....4 drachms

M. For 24 capsules. Sig.—Dissolve one capsule in about four tablespoonfuls of water, saturate a piece of surgeon's lint and apply to ulcer. Repeat twice daily.

Indications—Used in painful ulcers in rheumatic subjects.

SYPHILITIC AND TUBERCULAR ULCERS—

R_x Iodoformi.....2 drachms
Petrolati.....1 ounce

M. Sig.—Apply freely once or twice a day on surgeon's lint after thorough cleansing.

Indications—Of great value in syphilitic and tubercular ulcers. Constitutional treatment should not be neglected.

MOUTH ULCERS—

R _x	Sodium Salicylate.....	160 grains
	Sodium Borate.....	116 grains
	Tinct. Myrrh, Fl.....	2 drachms
	Aquæ Dest, Fl.....	2 ounces

M. Sig.—Thoroughly swab the mouth several times daily with absorbent cotton wet with the solution.—PEDIATRICS.

ULCERS OF RECTUM—

R _x	Iodoformi.....	2 drachms
	Oil Olive.....	4 ounces

M. Sig.—Shake, and inject about a teaspoonful into the rectum once or twice daily.

Indications—Used in painful rectal ulcers.

ULCERS OF COLON—

R _x	Argenti Nitras.....	1 drachm
	Aquæ Dest.....	3 pints

M. Sig.—After injecting warm water into the rectum to cleanse, inject one pint of the solution and follow this by injection of weak salt water.

Indications—Used in ulcer of colon.

No. 67.

HAY FEVER—TO PREVENT, AND CURE.

TO PREVENT RECURRING ATTACKS OF HAY FEVER.—Wright employs friction or massage in this trouble. He states by this means the mucous membrane of the nose is hardened and thereby lessens hypersensitiveness, and increases its power of resistance. This can be accomplished by using a piece of absorbent cotton wrapped on the end of a probe or smooth stick. Friction must be made over as much mucous membrane as possible and applied twice a day. The probe can be passed into the nostril from $3\frac{1}{2}$ to $4\frac{1}{4}$ inches without injury. The

whole surface should be well rubbed for at least from three to five minutes at a time. In this way the membrane becomes accustomed to the contact with foreign substances and will be enabled to withstand irritation from any exciting agent. He states that there are no less than twenty square inches of mucous membrane in the nasal passages and consequently emphasizes the importance of rendering this area resistant. He also states that the results show this method to be a positive preventative.

Ingals in the "Twentieth Century Practice of Medicine," speaks of the importance of observing the following things in the management and treatment of hay fever: 1. The condition of the constitution predisposing to the attack, such as rheumatic or gouty diathesis or disturbance of the stomach or bowels. 2. The neurotic (nervous) tendency. 3. The hyperesthetic (sensitivity) mucous membrane.

The constitutional treatment especially should precede the usual time of the attack at least one month or six weeks.

The following prescriptions are based on the outline given above:

℞ Liq. Potassii Arsenitis.....1 drachm
Tinct. Nucis Vomicæ.....2 drachms
Tinct. Gentian Comp., to make.....3 ounces

M. Sig.—One teaspoonful after each meal in water.

Indications—Used to build up the general system.

℞ Sodii Arseniatis 1 grain
Ext. Nucis Vomicæ.....7½ grains
Ferri Sulphatis.....22½ grains
Sodii Carbonatis.....22½ grains

M. For 30 capsules. Sig.—One capsule three times a day after meals.

Indications—Used as a tonic to build up the general system.

R̄ Liq. Sodii Arseniatis.....1 ounce
Tinct. Belladonna 1 drachm

M. Sig.—Five drops in water after each meal, as a preventative measure.

R̄ Liq. Potassii Arsenitis.....1 drachm
Potassii Iodidi.....1½ drachms
Vini Pepsini, to make 3 ounces

M. Sig.—One teaspoonful in water three times a day.

Indications—Used as a preventative measure and during an attack in rheumatic cases.

R̄ Brucinæ Phosphatis.....3 grains
Ext. Hyoscyami.....15 grains
Quininæ Valerianatis.....1 drachm
Camphoræ.....30 grains

M. For 30 capsules. Sig.—One capsule four times a day.

Indications—Used to ward off an attack, and to mitigate the patient's suffering during its progress.

HOMŒOPATHIC TREATMENT:

Iodide Arsenic, 3x trituration. Five grains every two hours.

Indications—Used when the nasal discharge is exceedingly acrid (burning).

Kali Iodide, 3x trituration. Five grains every two hours.

Indications—Used when there is a thick yellow discharge; sneezing from the slightest exposure; yellow crusts blown from the nose; and thick phlegm hawked from throat.

Sticta, 3x trituration. Five drops every two hours.

Indications—Used when feeling a fulness and pressure at the root of the nose; tingling in right side of nose; loss of smell.

Indications—Used when the faintest odor, especially tobacco, is unbearable; frequent sneezing with tickling in the nostrils.

No. 68.

SEASICKNESS.

R_x Acidi Citrici.....2 drachms
 Aq. Dest.....4 ounces

M. And mix with :

R_x Potassii Bromidi..... $\frac{1}{2}$ drachm
 Potassii Bicarb..... $\frac{1}{2}$ drachm
 Aq. Dest.....4 ounces

M. Sig.—Combine a tablespoonful of each, and drink while effervescing.

Indications—Used to quiet the stomach in seasickness.—ENCYCLOPEDIA OF MED.

Three days before sailing, and for three days after, take the following :

R_x Ext. Taraxaci 10 grains
 Ext. Colocynthini Comp.....10 grains
 Ext. Hyoscyami.....3 grains
 Ext. Nucis Vomicae.....5 grains
 Massæ Hydrarg.....15 grains

M. For 20 pills. Sig.—One or two pills to be taken every night for three days before and three days after sailing.

Indications—Used to prevent seasickness.—ENCYCLOPEDIA OF MED.

R_x Spir. Chloroformi.....5 drops
 Tinct. Nucis Vom.....5 drops
 Tinct. Lavandulæ Comp.....1 drachm
 Aq. Dest.....10 drachms

M. Sig.—Shake and take a teaspoonful every hour until vomiting has ceased.

Indications—Used to quiet nausea and vomiting in seasickness.—ENCYCLOPEDIA OF MED.

R. Heinz maintains that the desire to vomit can be overcome entirely by taking deep respirations. He found by experience that full and deep breathing most effectually wards off the vomiting in seasickness.

No. 69.

SWOLLEN FEET.

R_x Acidi Arseniosi.....1 grain
 Proper Excipient, q. s.

M. For 40 tablets. Sig.—One tablet after each meal.

Indications—Used in gouty or rheumatic subjects, non-dropsical in character.—HARE.

HOMŒOPATHIC TREATMENT:

Apocynum Tincture. Two drops every two hours.

No. 70.

PERICARDITIS.

INFLAMMATION OF THE MEMBRANOUS BAG WHICH CONTAINS THE HEART.

Inflammation of the pericardium occurs as a result of irritation from materials contained in the blood, or by extension of an inflammatory process from neighboring structures, or in consequence of injury.

TREATMENT:

If of rheumatic origin, writes Carriere, institute energetic salicylic treatment; if from other infection, give quinine as a routine. Keep patient in bed on milk diet. Apply dry or wet cups to pericardium, or leeches or sinapisms; bleeding, tincture of iodine or vesicatories are harmful. Keep the heart up by digitalis, sparteine, or caffein. Digitalis should be preferred when the cardiac excitement is extreme, or there is hypotension or arrhythmia. The author uses Nativell's crystallized digitalin in dose of gr. 1-130 to 1-65. In no disease should the action of digitalis be more closely watched.

Never give caffein towards night, as it increases the nervous excitement and insomnia, but in the daytime it may be given with good result, as follows :

R _x	Caffein.....	15 grains
	Syr.....	$\frac{1}{2}$ drachm
	Sod. Benzoat.....	1 drachm
	Aq.....	24 drachms

M. Sig.—One drachm at a dose.

Sulphate of sparteine is less dangerous than either of the above in dose of gr. $\frac{1}{6}$ to $\frac{5}{8}$ one to three times a day. The pain and dyspnœa may be controlled by injections of morphine. If effusion take place apply a blister followed by an aseptic poultice. Stimulate diuresis by theobromine gr. 8, given four times the first day, six the second day, and eight the third, then decrease the frequency. Trional is safe for insomnia. Paracentesis is indicated if the effusion cause pressure symptoms (cough, dysphagia, vomiting, edema, neuralgia) if the pulse is small, irregular, if there is a tendency to syncope or cyanosis, if there is skodaic resonance at the back of the chest, if there is edema of the chest wall, or if the fever is intermittent or continues elevated, and the complexion is leaden. Advanced tuberculosis is the only contra-indication. Plunge the trocar straight in the spot two inches to the left of the sternum in the intercostal space just above the lower limit of dulness. Evacuate the fluid slowly, and if purulent wash out with an antiseptic solution, then withdraw the cannula quickly. Pericardiotomy is still in its experimental stage and so far has not given better results. Great prudence is necessary during convalescence; a good tonic would be:

R _x	Fl. Ext. Kola.....	75 minims
	Fl. Ext. Coca.....	75 minims
	Ac. Citric.....	30 grains
	Sod. Arseniat.....	$1\frac{2}{3}$ grains

M. Sig.—Ten drops in water three times a day.

Absorption will be favored by potassium iodide.—LE NORD MEDICALE.

HOMŒOPATHIC TREATMENT:

Colchicine tablets, each containing 1-1,000 of a grain. One tablet every four hours.

Indications—In rheumatic pericarditis.

Spigelia, 3x dilution. Five drops every hour.

Indications—Used during the painful period, which are sticking in character, with oppression and great anxiety; palpitation violent, and pulse irregular.

Arsenicum, 3x trituration. Five grains every two hours.

Indications—During the stage of effusion.

NO. 71.

DIPHTHERIA.

With the exception of cleansing sprays of 6 per cent. boric acid solution, listerine and water, or salt and water, local applications are mostly unnecessary and therefore bad, writes Gidney (Pediatrics). In mild cases seen early, 600 to 1,000 units of antitoxin injected between the scapulæ or into the cellular tissue of abdomen or thigh, will suffice. In cases however of extensive membrane, 4,000 to 6,000 units should be injected at once, and perhaps an additional 2,000 to 3,000 units in the next day or two. Overdoses are harmless, as much as 12,000 units having been repeatedly used in the Brisbane Children's Hospital. When the pulse indicates it strychnine, digitalis, or alcohol may be of service.

Saunders advocates the use of pilocarpin as an ad-

PAIN.

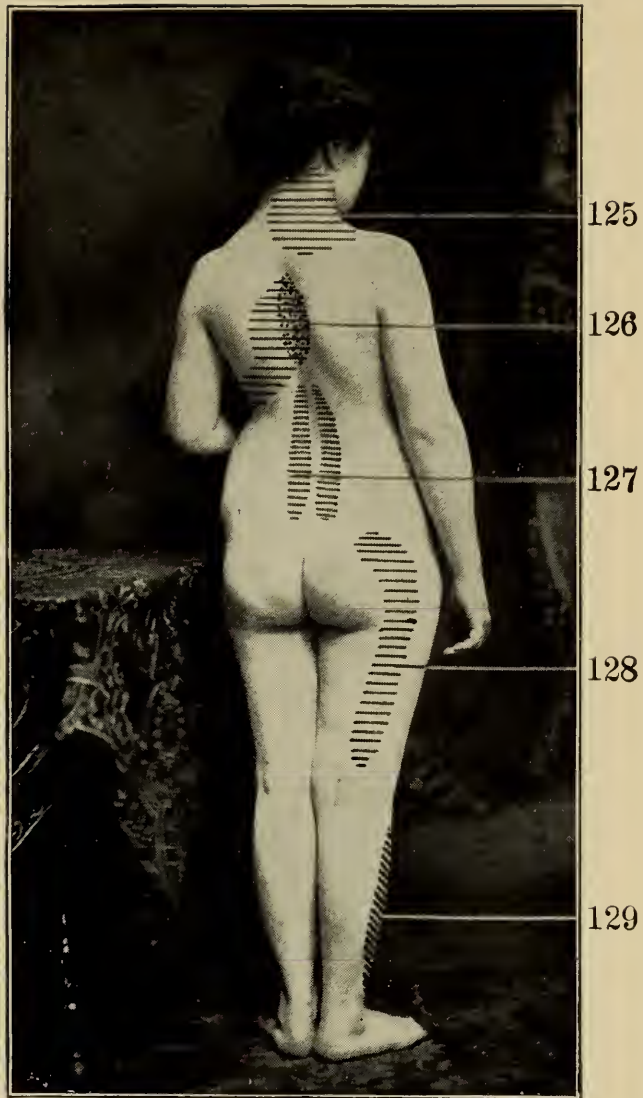


Fig. 24.

125. Muscular rheumatism (stiff-neck). Use No. 38.
126. Neuralgia of stomach. Use treatment No. 13.
127. Lumbago. For treatment, use No. 34.
128, 129. Sciatica. (Usually left side.) For treatment, use No. 25.

juvant to antitoxin. The specific action of the latter remedy is deferred for an interval of from 12 to 36 hours, during which the organism remains undefended and is at the mercy of the diphtheria toxin. By administering pilocarpin an active leucocytosis is set up which combats the bacterial process. The professor advises that the pilocarpin be continued for several days, except in cases seen after the fifth day, when a weak heart makes caution important. Meanwhile the administration of antitoxin should not be neglected. As soon as the diagnosis is made this specific remedy should be given in a sufficiently large dose to neutralize the toxin. In the past seven years he has treated in the neighborhood of 300 cases of this disease in private practise, and in the Episcopal Orphans' Home, and he has not a single death on record.

Dr. Stroll recommends very strongly the tincture of myrrh in diphtheria. The mixture he uses is composed as follows :

R _x	Tinct. Myrrhæ.....	1 drachm
	Glycerini	2 drachms
	Aquæ Dest., to make.....	6 ounces

M. Sig.—One teaspoonful every half hour or every hour during the day.

The author states that infants under two years of age may take one teaspoonful at a dose and older children double that amount. After all the membrane has disappeared the treatment should be continued for several days, the interval between the doses increased to three hours. Usually the fever and lassitude disappear in twenty-four hours, so that a child may frequently be found within that time sitting up in bed playing. He states there does not seem to be any need of local treatment; but in older children and adults, a gargle containing 0.5 per cent. of resorcin may be employed every hour or oftener in the daytime, or where it is desired the tincture of myrrh, undiluted, may be painted

over tonsil every hour. When the larynx is involved the author uses the foregoing mixture in an inhaler or spray, to be used every half hour.

CONVALESCENT STAGE.—Yeo recommends the following prescription for adults:

℞ Ferri et Quin. Citratis.....80 grains
 Liq. Strychniæ $\frac{1}{2}$ drachm
 Acidi Hydrochlor. Dil.....80 minims
 Aquæ Chloroformi, to make.....8 ounces

M. Sig.—Take two or three tablespoonfuls twice or three times a day an hour after meals.

For children the following is advised:

℞ Syr. Ferri Phosphatis.....1 ounce
 Calcii Hypophos.....48 grains
 Quinina Sulphatis.....24 grains
 Liq. Strychniæ 48 minims
 Acidi Phosphorici Dil.....24 minims
 Aquæ, to make.....4 ounces

M. Sig.—One or two teaspoonfuls, according to age, twice or three times daily.

As a disinfecting mouth wash use the following:

℞ Potassii Chloratis Pulv.....2 drachms
 Glycerini Boracis 1 ounce
 Acidi Borici.....2 drachms
 Glycerini Acidi Carbol.....1 ounce
 Aq. Menth. Pip., to make.....12 ounces

M. Sig.—From a half to a tablespoonful to be mixed with an equal quantity of hot water and used as a gargle every two or three hours.

HOMŒOPATHIC TREATMENT:

Arsenicum, 3x trituration. Five grains every hour.

Indications—Used in malignant forms, accompanied by great debility, pallid countenance, puffiness of the face and eyes, urine scanty, feeble pulse, acrid discharge from the nose, fetid breath, and painful to swallow.

Apis Mel., 4x trituration. Five grains every hour.

Indications—Elongated or enlarged palate; puffiness

of mucous membrane; urine scanty or suppressed; burning or a stinging dryness of throat; swelling of glands on the neck and under the jaw; fiery redness or puffiness of a purplish tint; very useful in laryngeal diphtheria, when other symptoms as above correspond.

Aurum Triphyllum, 3x dilution. Five drops every hour.

Indications—Fetid breath and scalding-like discharges from mouth and nose; discharges excoriate and form large crusts about the orifices; diphtheritic deposit excessive and mixed with more or less ulceration.

Lachesis, 3x dilution. Five drops every hour.

Indications—Used in malignant cases. Exudation worse on left side; mucous membrane livid; great pain and difficulty in swallowing; great weakness; delirium well marked; bad smelling stools; ulceration of mucous membrane.

No. 72.

SMALLPOX.

VARIOLA.

Four varieties of smallpox are recognized: The discrete, of moderate severity; the confluent, of great severity; the hemorrhagic or malignant; and varioloid, or smallpox as modified by vaccination.

SYMPTOMS:

(1) DISCRETE FORM.—After an incubation (infected with smallpox germs) of from eight to fifteen days the disease usually begins with a chill in adults, and a convulsion in children, followed by intense headache, excessive pain in the back, nausea, and vomiting. The

temperature rises rapidly during the first and second days, reaching 103° to 105° . The face is flushed, eyes bright, and delirium present, especially if the fever runs high. The pulse is rapid (120 to 140), full, seldom rebounding. Generally the bowels are constipated, the urine scanty and albuminous. The fever continues high until the third or fourth day, when a decided remission occurs, lasting until the seventh or eighth day, when it again rises (fever of suppuration), fluctuating more or less, and in favorable cases gradually falls to the normal by the eighteenth day of the disease.

The characteristic eruption appears on the third or fourth day of the disease as small red spots, first on the forehead and wrists, appearing within the next twenty-four hours upon other parts of the face and limbs, and to some extent upon the trunk. With the appearance of the eruption the fever falls, and there is an improvement in the general symptoms. The rash is at first masclar, changing rapidly into round pimples, which feel like shot under the skin. The lesions may occur also in the mouth and throat.

About the eleventh or twelfth day of the disease scabs or crusts form, which cling to the skin for a week or longer.

(2) CONFLUENT FORM.—The pimples are numerous, thickly set, and soon run together. The symptoms of the confluent form resemble those of the discrete variety, but are usually of greater severity. Delirium, stupor, diarrhœa; extreme swelling of the cervical (neck) glands; hoarseness, cough, and offensive discharge from the nose and throat.

(3) MALIGNANT OR HEMORRHAGIC FORM.—This presents two varieties:

Black or purple smallpox, beginning with intense fever, pain in the back, prostration, and unusually rapid breathing. On the second or third day small blue swell-

ings appear on various portions of the skin, growing in size and number, so that in the severest cases the greater portion of the skin surface may be purple or blackish in color. Hemorrhages from the lungs, stomach, intestines, bladder, or womb, are common, and death occurs between the third and sixth days.

In hemorrhagic pustular smallpox the disease progresses like an ordinary severe case up to the pustular stage, at which time the pocks become hemorrhagic, bleedings from the mucous membranes occur, and death usually takes place from the seventh to the ninth day.

(4) VARIOLOID.—The symptoms are mild, a few pimples appear on the face and hands, and the fever of suppuration does not occur.

VACCINATION.—Welch presents striking evidence of the protective power of vaccination, especially of recent vaccination. He states that during the recent epidemic of smallpox in Philadelphia no person who had been recently vaccinated was admitted to the hospital with smallpox. He reports many instances of the preventive power of vaccination. One family of father, mother, and three children, were admitted to the hospital. Both father and mother were suffering from varioloid. The oldest child, five years old, showed a good scar; the other two, one ten months and one three years old, were vaccinated a short time before, and presented two vaccine vesicles that were developed perfectly. These three children remained in the hospital seventeen days under constant exposure without taking smallpox. During the past winter 170 students received instruction in the smallpox wards in the Municipal Hospital of Philadelphia, and not one of them contracted the smallpox. In the present epidemic about 125 persons, physicians, nurses, ward maids, cooks, laundresses, etc., have been continuously exposed to the disease, and not one has contracted it. All those employed in the smallpox pavilion, except two or three

who had the disease at an early period of life, owe their immunity to vaccination.

TREATMENT :

Anders ("Practice of Medicine") states that fever during the invasion stage is best controlled by the cold or gradually cooled baths, which possess all the advantages in this disease that they command in typhoid fever. Cold sponge-baths, the ice cap, or the cold ice pack may be resorted to if cold immersion baths are not accessible to the patient. The internal antipyretics to control the fever must be given with a sparing hand, if at all, and should be employed as antiseptic agents rather than as direct antipyretics, on account of their depressing effect.

At this stage, vomiting, if present, incessant and exhausting, chipped ice, dilute hydrocyanic acid, and cocaine hydrochlorate should be tried in the order named. If diarrhœa be severe, it should be checked (though neither wholly nor suddenly) by the use of the following:

R_x Salol 2 drachms
Bismuth Sub-nit. 3 drachms

M. For 12 powders. Sig.—One powder every four to six hours.

Indications—When needed to control the bowels.

R_x Salol 4 drachms

M. For 24 powders. Sig.—One powder every six hours.

Indications—Used throughout the disease to abort or modify pustulation, relieve itching of the skin, and to prevent backache, and control fever.

R_x Lini. Calcis 7½ ounces
Ol. Eucalypti 4 drachms
Caliminæ Paep 1 drachm

M. Sig.—Apply to the face by means of a large camel's hair brush every two or three hours.

Indications—Used to prevent pitting.—WHITLAW.

Talmond recommends a special plan of external medication in the form of a mercuric-chloride spray for

smallpox vesicles and pustules, his object being to keep the surface under the influence of an antiseptic. The solution is prepared as follows :

R̄	Mercuric Chlorid.....	15 grains
	Tartaric Acid	15 grains
	Alcohol (90 per cent.), Fl.....	1½ drachms
	Ether, to make Fl.....	1½ ounces

M. Sig.—To be applied as a spray three or four times a day for one minute.

It is essential to exercise the precaution to protect the eyes by layers of cotton dipped into a saturated solution (all that water will dissolve) of boric acid. He advises the commencement of this method on the first day of the eruption, the application to be preceded with a vigorous washing of the face with soap, which may be rinsed off with boric acid and then dried with absorbent cotton. After the spray has been used the face should be covered with a layer of a 50 per cent. glycerolate of mercuric chloride in order to keep the skin continuously aseptic. After the fourth day the number of sprayings are gradually lessened, so that by the seventh day they may be discontinued ; but the applications of the glycerole should be continued.

R̄	Acid Boric.....	20 grains
	Aquæ Camphor.....	2 ounces
	Aquæ Dest, to make.....	4 ounces

M. Sig.—Bathe the eyes freely every few hours.

Indications—Used in sore eyes of smallpox.

R̄	Acidi Boracici.....	1 drachm
	Petrolati Mollis.....	1 ounce

M. Sig.—Rub small quantity along edges of eyelids.

Indications—Used to prevent adhesion or sticking together of eye-lids during sleep.—N. E. MED. JOUR.

METHYL BLUE IN SMALLPOX.—Prof. Matoni states that he has obtained very satisfactory results from methyl blue in the different stages of smallpox. In the pus-

tular stages he administers it in divided doses amounting to 6 or 8 grains daily. In this stage his results have been especially satisfactory.

SMALLPOX AND THE SO-CALLED CUBAN ITCH—

R. Glyceriti Amyli.....2 ounces

M. Sig.—Apply freely to the pustules, and cover with surgeon's lint.

Indications—Used to prevent pitting.

HOMŒOPATHIC TREATMENT:

Belladonna, 3x dilution. Five drops every two hours.

Indications—Severe headache; sensitiveness to light; and delirium.

Bryonia Alba, 3x dilution. Five drops every two hours.

Indications—Used in severe backache, and general soreness.

Opium, 3x dilution. Five drops every two hours.

Indications—Used when patient is inclined to stupor, rather difficult to rouse, and sleeps with heavy breathing or snoring.

Stramonium, 3x dilution. Five drops every hour.

Indications—Used in the eruptive stage if the eruption does not come out free, and a tendency to congestion, mind wandering.

Tart. Emetic, 3x trituration. Five grains every two hours.

Indications—Used when patients are troubled with a loose rattling cough, and pustules are forming in the throat.

Mercurius, 3x trituration. Five grains every two hours.

PAIN.



Fig. 25.

Showing (shaded side) hemianæsthesia; usually affects left side.

HEM-I-AN-ÆS-THE'SI-A. Loss of sensibility confined to one lateral side of the body. When found it is in the great majority of cases a symptom of hysteria. It usually affects the left side, and terminates very exactly at the middle line of the body. Not infrequently there is anæsthesia of the senses of hearing, smell, and sight on the same side.

For treatment, use No. 54.

Indications—Used during the eruptive stage if the tongue is foul and slimy.

Arsenicum, 3x trituration. Five grains every two hours.

Indications—Used if the eruption appears dark, inclining to black, and the skin blue or livid; and patient losing strength rapidly.

[NOTE.—The physicians of all medical schools use the same applications for external or local treatment.]

No. 73.

INTERMITTENT AND REMITTENT FEVER.

INTERMITTENT.—A term applied to a disease which disappears and returns again and again at regular or uncertain periods, or of a disease such as ague.

REMITTENT.—A name given to any fever which abates, but does not wholly cease, at regular intervals. It is not contagious. It is a more acute affection than intermittent fever, more severe in its symptoms, more rapid in its course, and the direct mortality is ten times greater than in any other form of malarial fever.

TREATMENT :

℞ Hydrarg. Chlor. Mitis.....1 grain
Sodii Bicarbonatis.....12 grains

M. For 6 powders. Sig.—One powder on tongue every fifteen minutes.

Indications—Initial treatment before beginning quinine if constipation is present.

℞ Pulv. Capsici.....24 grains
Quininæ Hydrochlor.....2 drachms

M. For 24 capsules. Sig.—Beginning ten or twelve hours before the expected chill, give one capsule every two or three hours according to condition of patient until three or four have been taken.

Indications—Used as anti-periodic. After the chills have been broken give quinine in 2 grain doses three times daily for several days or a week longer.—N. E. MED. JOUR.

Dr. Worden gives the following as a specific or “sure cure” for ague:

℞ Quininae Sulph.....30 grains
 Acid Sulphuric Arom.....2½ drachms
 Elixir Calisayæ.....4 ounces

M. Sig.—One teaspoonful every four hours in absence of fever.

℞ Liq. Potassii Arsenitis, Fl.....1 ounce

M. Sig.—Three to five drops in water after meals.

Indications—Used in conjunction with quinine between paroxysms as anti-periodic. Also in malarial cachexia.

℞ Quininae Hydrochlor.....100 grains
 Oil Theobromatis, q. s.

M. For 12 suppositories. Sig.—One by rectum every two hours, beginning six hours before chill or period of exacerbation (an increased force of the severity of symptoms of the disease).

℞ Methylene Blue.....1 drachm

M. For 24 capsules. Sig.—One capsule to be taken every four hours.

Indications—Used as anti-periodic.

℞ Margaritæ Amyl Nitritis No. iv, aa gtt. v.

M. Sig.—Crush a pearl in handkerchief and inhale when chill is threatened.

Indications—To abort (cut short or stop) chill.—N. E. MED. JOUR.

HOMŒOPATHIC TREATMENT.

INTERMITTENT (Ague)—

Arsenicum Album, 3x trituration. Five grains every hour.

Indications—Used when thirst is the same during the cold, hot, and sweating stages; excessive pain in

pit of stomach; headache; numbness or tearing pains in the limbs; sudden prostration; worse every 36 hours.

Belladonna, 3x dilution. Five drops every hour.

Indications—Used when the chills are slight, and accompanied with dry heat, or when chills come on at night, followed by thirst and dizziness, and patient is nervous.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—Used when the cold stage predominates, and thirst only during the hot stage, or when there are stitches in the side.

Antimonium Crud., 3x trituration. Five grains every two hours.

Indications—Used when nausea and vomiting occur; bitter taste, little thirst; and when these symptoms continue during the intermission.

Pulsatilla Tinct. Two drops every two hours.

Indications—Used in vomiting of mucus at commencement of chill, and mucus diarrhoea during the intermission; starting when falling to sleep, pain and soreness of whole body.

Natrum Mur., 6x trituration. Five grains every two hours.

Indications—When the sweating stage is not profuse, severe headache, or dimness of sight during the hot stage.

China, 2x trituration. Five grains every two hours.

Indications—When the disease occurs in marshy districts, characterized by the chill, fever, and sweating stages.

REMITTENT—

Aconite, 3x dilution. Five drops every three hours.

Indications—Used when the fever is high, skin hot and dry, headache, and pulse full.

Bryonia Alba, 3x dilution. Five drops every three hours.

Indications—Nausea, vomiting of bile, and pressure in stomach; heaviness in head, with delirious talk at night.

Belladonna, 3x dilution. Five drops every three hours.

Indications—Violent internal and external heat, red and swollen face, headache, dizziness, full pulse, great thirst, anguish about the heart, nightly delirium, or drowsiness during the day and stupor at night.

Arsenicum Album, 3x trituration. Five grains every hour.

Indications—Used when symptoms approach those of typhoid, such as stupor, low muttering, picking the bed clothes, starting, sliding toward foot of bed, twitching of limbs, pulse small and quick, grinding of teeth, and great dryness of the mouth.

Rhus Tox., 3x dilution. Five grains every two hours.

Indications—Used when the tongue is dark in the center, reddish-brown on the edges and tip, dry, and difficult to protrude beyond the teeth.

No. 74.

ENLARGED LYMPHATIC GLANDS.

TREATMENT :

℞ Syr. Ferri Iodid.....1 ounce

M. Sig.—Five to twenty drops, well diluted, after each meal.

℞ Tinct. Iodi.....1 ounce

M. Sig.—Paint over enlargements thoroughly and repaint as soon as the dark color begins to disappear.

℞ Ol. Hydrarg. (U. S. P.).....1 ounce

M. Sig.—Rub over the enlarged glands once daily.

℞ Cadmii Iodid.....20-30 grains
Adipis.....1 ounce

M. Sig.—Apply morning and evening.—DOM. MED. MON.

Shoemaker recommends the following in the treatment of enlarged lymphatic glands:

℞ Potassii Chloratis.....1½ drachms
Tinct. Cinchonæ Comp.....4 ounces

M. Sig.—Take two teaspoonfuls four times a day in water.

He recommends iodoform applied locally. If dissolved in oleic acid its offensive odor is partially disguised while the solvent carries it farther into the tissues. Mercurial preparations are also recommended as follows:

℞ Ol. Eucalypti.....20 minims
Ungt. Hydrarg. Nit.....2 drachms
Lanolini.....2 drachms

M. Sig.—Rub well into the glands twice daily.

℞ Arg. Colloid.....4 drachms
Aquæ Dest.....1¼ drachms
Ceræ Albæ.....2½ drachms

M. Sig.—Rub thoroughly into the skin at the seat of the lesion (inflamed glands).

Indications—For lymphangitis, adenitis, and other septic processes.—N. E. MED. MON.

HOMŒOPATHIC TREATMENT:

Silicia, 6x trituration. Five grains every three hours.

Indications—Used in suppurating glands, also in hard and swollen glands of scrofulous subjects, with or without inflammation.

Calcarea, Phos., 3x trituration. Five grains every three hours.

Indications—Used in chronic enlargement of glands, and scrofulous enlargement of cervical (neck) glands.

Calcarea Flour, 3x trituration. Five grains every three hours.

Indications—Used in stony hardness of glands; chronic adenitis, and in knots and kernels in female breasts.

Use the local applications also.

No. 75.

ENTERITIS.

INFLAMMATION OF INTESTINES.

TREATMENT :

℞ Iodoformi..... $\frac{1}{2}$ drachm
 Salol..... $\frac{1}{2}$ drachm
 Acidi Tannici.....2 drachms

M. For 24 capsules. Sig.—One capsule to be taken three times a day.

Indications—Used in tubercular enteritis.

℞ Liq. Potassii Arsenitis.....1 ounce

M. Sig.—Two to three drops in water after meals.

Indications—Used in chronic catarrhal and membranous enteritis.

Also :

℞ Sodii Phosphatis.....8 ounces

M. Sig.—Two teaspoonfuls in glass of hot water before meals.

Indications—Used in membranous enteritis with constipation.

Also :

℞ Argenti Nitratis.....1 drachm
 Aquæ Dest, Fl.....16 ounces

M. Sig.—Two tablespoonfuls to one pint of distilled water to be injected into rectum after thoroughly washing out the bowel by injection of warm water. If very painful, follow by injection of weak solution of salt water.

Indications—Used in chronic catarrhal and membranous enteritis.—N. E. MED. MON.

℞ Tinct. Opii.....	70 drops
Aquæ Aurantii Flor.....	140 drops
Old Rum.....	140 drops
Syr. Simp.....	140 drops

M. Sig.—One teaspoonful to be taken at bed-time.

Indications—Used in nervous enteritis.—RITTERBAND.

℞ Ichthalbin.....	2 drachms
Bismuth Sub-nit.....	6 drachms

M. For 12 powders. Sig.—One powder every three to four hours.

Indications—Used in acute, subacute, and chronic enteritis after the intestines have been freed from products of decomposition.

One of Dr. Creed's favorite prescriptions is as follows:

℞ Bismuth Sub-nit.....	47 grains
Salol.....	12 grains
Syr. Tolutan.....	$\frac{1}{2}$ ounce
Mucil. Acaciæ, to make.....	2 ounces

M. Sig.—One teaspoonful every three hours.

Indications—Used in entero-colitis.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every hour.

Indications—Used when inflammatory symptoms are high, skin hot and dry, pulse quick and tense.

Lachesis, 6x trituration. Five drops every hour.

Indications—Severe burning pain in abdomen; bloating; sensation of diarrhœa, but no movement of the bowels; or burning in the abdomen, extending toward the chest.

Belladonna, 3x dilution. Five drops every hour.

Indications—Used when the pains are burning, colicky, or throbbing in character; and abdomen distended.

Bryonia Alba, 3x dilution. Five drops every hour.

Indications—Pain in abdomen, with nausea, drawing in of abdomen from hips to stomach, followed by stitches on moving.

No. 76.

RINGWORM.

TINEA CIRCINATA; TINEA TONSURANS.

Tinea Circinata: Round ringworm on the body.*Tinea Tonsurans*: Ringworm of scalp (scaldhead).

TREATMENT:

℞ Formaldehydi 40 parts
 Aquæ.....60 parts

M. Sig.—Apply to affected parts with a camel's hair brush once daily.

Indications—Used in either ringworm on the body or on the scalp. In the former, one or two applications will effect a cure.

℞ Sulphuris Iodidi.....30 grains
 Adipis Benzoinati.....1 ounce

M. Sig.—To be rubbed into the spot once or twice a day.

Indications—Used in ringworm of body or scalp. If on the scalp, the hair should be closely cut or shaved. In many cases the strength of this ointment should be reduced. Epilation is necessary in chronic ringworm of the scalp.

℞ Glyceriti Boroglycerini.....2 ounces

M. Sig.—Apply to diseased spot every two hours.

Indications—Used in ringworm of body or head. Particularly applicable in children and women in whom the skin is tender and sensitive.—M. MON.

UNNA'S OINTMENT—

℞ Chrysarobin.....5 parts
 Ichthyol.....3 parts
 Salicylic Acid.....2 parts
 Petrolatum.....100 parts

M. Sig.—Apply once daily.

Indications—Used in ringworm of the scalp.

This preparation has been given credit by Dr. T. C.

PAIN.

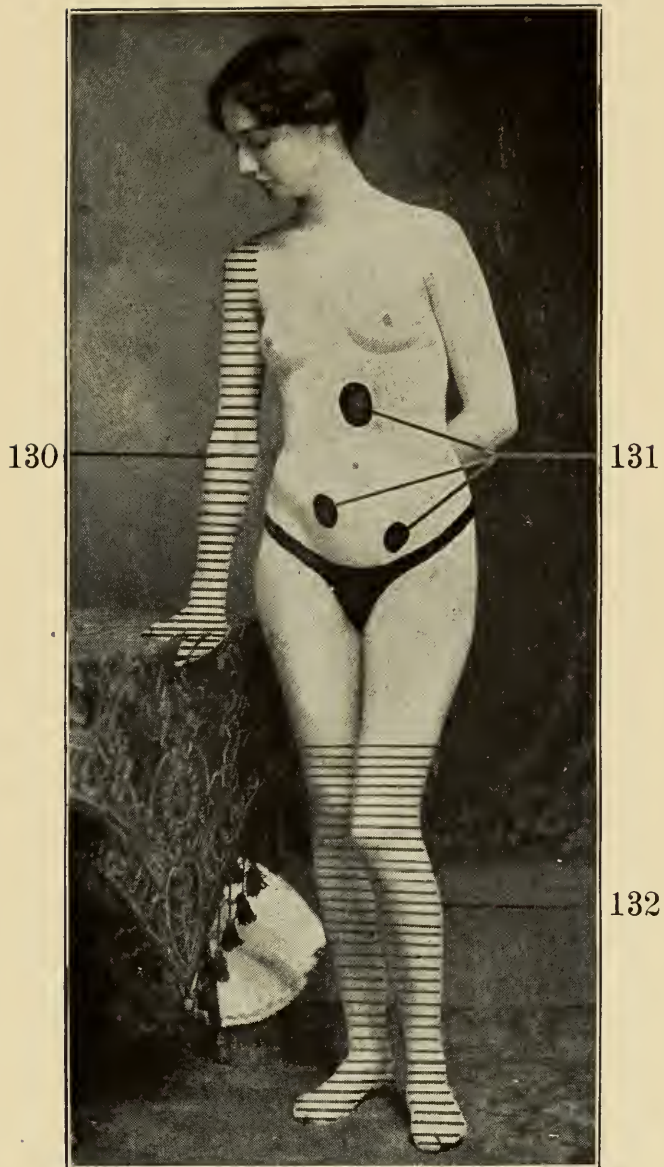


Fig. 26.

130. Mono-anæsthesia (loss of sensibility or feeling) of one arm. See explanation below Fig. 27.

131. Hysterogenic zones (imaginary pains). For treatment, use No. 54.

132. Bilateral anæsthesia of lower extremities. See explanation below Fig. 27.

Lusk, of the New York Post-Graduate School and Hospital, for the most rapid results in the treatment of ringworm of the scalp. The ointment is to be rubbed in, spreading of the inflammation to the conjunctiva and face being prevented by an oiled skin cap worn on the head. A soothing ointment is to follow the strong application after two or three days.

No. 77.

CEREBRAL CONGESTION.

TREATMENT :

The following has been highly recommended :

R̄	Potassium Bromide.....	3 drachms
	Fl. Ext. Ergot.....	2 drachms
	Aquæ, to make.....	6 ounces

M. Sig.—One tablespoonful to be taken three times a day. This mixture has been found serviceable as a prophylactic after severe head injury.

HOMŒOPATHIC TREATMENT :

Aconite, 3x dilution. Five drops every hour.

Indications—Used when congestion occurs in one of a full plethoric habit, with the face flushed; headache, especially above the eyes, particularly if there is an aversion to light and sound.

Belladonna, 3x dilution. Five drops every hour.

Indications—When the face is flushed; eyes red; roaring in the ears and dizziness, or severe pressing pain in forehead, increased by the least motion or noise.

Hyoscyamus. Five drops every hour.

Indications—When the congestion is associated with unconsciousness and loss of speech, or a constrictive headache, particularly of the upper part of the forehead.

No. 78.

RELAPSING FEVER.

FAMINE TYPHUS.

A continued contagious fever, characterized by absence of eruption and a tendency to relapse at intervals of from five to seven days and for an indefinite number of times, and generally occurring as an epidemic. Famine is one of the originating causes of relapsing fever, whence it is sometimes called Famine Typhus.

TREATMENT :

R̄	Quininae Sulphat.....	1½ drachms
	Acid Sulphuric Dil., q. s., to dissolve.	
	Spir. Æther Nitro. Fl.....	½ ounce
	Syr. Tolu.....	6 drachms
	Aquæ, to make.....	2 ounces

M. Sig.—One teaspoonful to be taken three or four times daily.—DA COSTA.

No. 79.

BRUISES.

TREATMENT :

R̄	Tinct. Opii.....	½ ounce
	Liq. Plumbi Subacetat.....	½ ounce
	Aquæ, to make.....	16 ounces

M. Sig.—Apply freely on soft rags or lint. Must not be used if the skin is broken. If the skin is broken the bruise must be dressed antiseptically, and hot or cold applications made.—BRENINGER.

R̄	Ammonii Chloridi.....	1½ drachms
	Alcohol.....	16 ounces

M. Sig.—A clean piece of linen is to be spread over the injured part and kept wet with the lotion.

PAINFUL BRUISES—

R̄	Tinct. Aconiti.....	5½ drachms
	Tinct. Opii.....	5½ drachms
	Chloroformi, to make.....	2 ounces

M. Liniment. Sig.—Shake well, and apply to affected parts.—WHELPLEY.

Applications of hot water, or hot vinegar and salt, will often give instant relief in recent bruises and sprains.

No. 80.

SORE MOUTH.

MOUTH ULCERS; STOMATITIS.

TREATMENT :

℞ Borax.....4 parts
Tinct. Myrrh.....8 parts
Syr. of Mulberries.....60 parts

M. Sig.—Paint the affected parts three times daily.

℞ Borax.....4 parts
Tinct. Benzoin.....2 parts
Aquæ Dest.....10 parts
Syr. Simp.....20 parts

M. Sig.—Paint the parts four or five times daily.—LEVI.

℞ Aquæ Dest.....1 $\frac{1}{4}$ drachms
Glycerini 1 $\frac{1}{4}$ drachms
Iodini.....3 grains
Potassii Iodidi.....3 grains

M. Sig.—Apply to ulcers once or twice daily.—MARFAN.

℞ Potassii Chloratis.....1 drachm
Tinct. Myrrh.....20 drops
Elixir Calisayæ.....3 ounces

M. Sig.—Teaspoonful in water every four hours. Let it come in contact with all parts of the mouth, then swallow. Caution: Not to be used in acute inflammation of the kidneys.—HARE.

HOMŒOPATHIC TREATMENT :

Mercurius Viv., 3x trituration. Five grains every two hours.

Indications—Extensive ulceration, fetid breath, copious flow of spittle, enlarged submaxillary (under the jaw) glands, ulcerated surface bleeds.

Arsenicum Album, 3x trituration. Five grains every two hours.

Indications—Great exhaustion, slight salivation, co-existing diarrhoea of watery and painless character.

Baptisia, 3x dilution. Five drops every two hours.

Indications—Considerable fever, marked general cachexia; great fretfulness and restlessness.

NO. 81.

TAPEWORM.

TÆNIA SOLIUM; TÆNIA SAGINATA.

TÆNIA SOLIUM (pork tapeworm).—This worm is seen much less frequently here than in Europe. It develops in the small intestine after eating raw or underdone “measly” pork. It ranges from 6 to 13 feet in length. The head is rounded, pin-head in size, and is succeeded by a thread-like neck and by gradually shortening and widening segments (joints).

TÆNIA SAGINATA (beef tapeworm).—The beef tapeworm is longer than the pork worm, being 12 to 20 feet in length, its segments are also thicker and longer.

SYMPTOMS :

There may be none that can be relied upon. However, the usual symptoms are: changeable appetite, constipation alternating with diarrhoea, colicky pains, indigestion, nausea and vomiting, worry and irritability, some physical prostration and even emaciation, itching of nose and anus, dizziness, earache, and palpitation.

TREATMENT :

The following combination containing pelletierin tan-

nate has been used with almost uniform success in treatment of tapeworm but it disturbs the stomachs of some patients :

℞ Oleores. Aspidii.....4 drachms
 Ol. Terebinthinæ.....2 drachms
 Pelletierin Tannatis..... $\frac{1}{2}$ drachm
 Spir. Chloroformi..... $\frac{1}{2}$ drachm

M. Sig.—Shake well. One teaspoonful in the morning on an empty stomach followed in about two hours by a saline cathartic.—
 JOUR. A. M. A.

A NEW REMEDY.—The patient fasts two days, and on evening of second day takes a purgative dose of castor oil, and the next morning, while still fasting, takes an ounce of slippery elm bark in half a pint of water, and repeats in half an hour with a full dose of oil.—MED. REC.

No. 82.

SEATWORMS.

TREATMENT :

℞ Santonini.....12 grains
 Oil Theobromæ.....1 drachm

M. For 4 suppositories. Sig.—Pass one into the rectum at night.—JOUR. A. M. A.

℞ Acidi Salicylici.....15 grains
 Sodii Borati.....15 grains
 Aquæ.....1 pint

M. Sig.—Warm and inject the whole into the bowel.—PENN. MED. JOUR.

No. 83.

EPILEPSY.

FALLING FITS.

A disease which attacks persons suddenly, consisting of convulsions, with coma and generally frothing at the mouth; the falling sickness. A chronic nervous affection, characterized by seizures, by loss of consciousness, with tonic or clonic convulsions. The ordinary duration of a fit is from five to twenty minutes. The frequency of the attacks of fits varies immensely. In some cases they occur daily, and in others at intervals of ten years or more.

TREATMENT:

Dr. McIntire states that bromipin meets the exact therapeutic demands of the bromides and has none of their disadvantages. The following is a favorite prescription with the author:

℞ Bromipin.....1 ounce
 Syr. Simp.....1 ounce
 Spir. Peppermint.....2 drachms
 Mucilage Acacia, to make.....8 ounces

M. Sig.—One to four tablespoonfuls three to four times daily.

℞ Potass. Iodidi $\frac{1}{2}$ drachm
 Potass. Bromidi..... $\frac{1}{2}$ drachm
 Ammon. Bromidi..... $2\frac{1}{2}$ drachms
 Soda Bicarb.....40 grains
 Spir. Chloroformi.....2 drachms
 Inf. Calumbæ.....6 ounces

M. Sig.—Two teaspoonfuls morning and noon, and three at night.

This is known as Brown-Sequard's prescription.

℞ Chloralis..... $1\frac{1}{2}$ drachms
 Syr. Acaciæ.....4 drachms
 Aquæ, to make.....2 ounces

M. Sig.—One to two teaspoonfuls in water at bed-time.

Indications—Used in nocturnal epilepsy. Adult dose.

℞ Spir. Glonoin 2 drachms

M. Sig.—One drop in water every four hours. Dose to be increased gradually until slight temporal fulness or headache.

Indications—Used in conjunction with bromides in cases with high arterial tension.

℞ Ext. Glandulæ Suprarenalis 2 drachms

M. For 24 capsules. Sig.—One capsule three times a day.

Indications—Used along with bromides in epileptics with lowered arterial tension.

Collins states that in some cases of epilepsy the bromides, if given in combination with an acid, are not so apt to derange digestion. He recommends the following combination :

℞ Acid. Hydrobrom. Dil $5\frac{1}{3}$ drachms
 Ferri Bromidi 32 grains
 Potassii Bromidi $5\frac{1}{3}$ drachms
 Sodii Salicylatis 64 grains
 Spir. Rectificat. $2\frac{2}{3}$ drachms
 Glycerole Pepsin $2\frac{2}{3}$ drachms
 Oil Gaultheriæ 16 minims
 Liq. Ammon. Cit. (B. P.), q. s. 4 ounces

M. Sig.—One teaspoonful three times a day. This, he states, may be doubled or tripled. Take no more than is absolutely necessary to keep off the attack.

MENSTRUAL EPILEPSY—

℞ Ext. Ovariani 2 drachms

M. For 60 compressed tablets. Sig.—One to four tablets three times a day.

Indications—Used in menstrual epilepsy. To be employed during and between the periods.

SYPHILITIC EPILEPSY—

℞ Potassii Iodidi 1 ounce
 Aquæ Bull., to make 2 ounces

M. Sig.—Twenty drops or more, with tablespoonful of essence of pepsin, in water after meals.

Indications—Useful in syphilitic and saturnine epilepsy.

EPILEPTIFORM CONVULSIONS DUE TO AUTOINTOXICATION—

R	Ext. Chiratae	1 drachm
	Leptandrin	15 grains
	Podophyllin.....	6 grains
	Creosoti (Beechwood).....	7½ grains
	Euonymi	7½ grains

M. For 30 pills. Sig.—One pill after each meal. —HARE.

HOMŒOPATHIC TREATMENT:

Cicutæ, 3x dilution. Five drops every three hours.

Indications—Used when there is violent spasmodic twisting of the limbs; teeth clenched; interrupted breathing; face livid; foaming at the mouth.

Belladonna, 3x dilution. Five drops every three hours.

Indications—When the attack generally occurs during the night, and convulsions of the limbs; face very pale, suddenly changing to red, or dark red, with spasmodic, staring eyes, pupils dilated; breathing laborious and irregular; when before the attack there is a degree of sleeplessness, stupidity, or lethargy, and the patient is troubled with starting, as if frightened.

Hyoscyamus, 3x dilution. Five drops every three hours.

Indications—When convulsions occur most frequently in the evening, with one side more affected than the other; the thumbs are clenched; foams at the mouth, and the spasms are more like twitchings than convulsions.

Nux Vomica, 3x trituration. Five grains every three hours.

Indications—When the attack commences by the patient crying out; the head is drawn backwards; face red and bloated; face distorted; limbs violently convulsed; before attack a confusion of mind, with a difficulty of thinking or acting correctly.

PAIN.



Fig. 27.

Disseminated anaesthesia (loss of sensibility).

Anaesthesia of irregular distribution is due, as a rule, either to hysteria or neuritis (inflammation of nerves). The loss of sensibility may involve one arm (Fig. 26), or one leg or one side of the face alone (mono-anaesthesia), or occur in multiple and scattered patches in any portion of the body. A loss of sensibility of a single extremity rarely originates from an injury of the brain, but when arising from this cause the loss of sensibility is most marked at the lower end of the limb, and gradually lessens as the trunk is approached; if caused by a spinal injury its border will present a sharp line of demarcation. If the loss of sensibility is due to neuritis the anaesthetic area or areas will fit the area of supply of one or more of the cranial or the mixed spinal nerves—e. g., trigeminal, radial, planter, etc., then use treatment No. 55. If not, then use No. 54.

No. 84.

STYE.

HORDEOLUM.

Dr. Wood states that styes are more often seen in young people, and are the sign of a general disturbance of health. In many cases they are the symptoms of eye strain, resulting from an error of refraction. In the earlier stages before pus has formed he advises pulling out the eyelash which runs through the styte and touching the swelling with pure carbolic acid or tincture of iodine. Otherwise the styte should be opened and contents evacuated. Warm poultices may be applied to relieve pain and promote suppuration, and in a day or two anoint with the following :

℞ Hydrarg. Oxidi Flav.....2 grains
Vasellini Puri.....1 ounce

M. Sig.—Apply to inflamed eyelid once or twice daily, and rub in well.

Styes very frequently arise in anemic (impoverished blood) subjects and chlorotic girls (a disease peculiar to young females under retention or oppression of the menstrual discharge ; green-sickness). In such cases he recommends proper diet and fresh air, and the following tonic :

℞ Tinct. Ferri Chloridi.....20 drops
Acidi Phosphorici Dil.....20 drops
Tinct. Rhei.....20 drops
Quininæ Sulph.....3 grains
Liq. Strychninæ..... $\frac{1}{2}$ ounce
Syr. Simp., to make.....8 ounces

M. Sig.—One teaspoonful in water three times a day.—J. A. M. A.

No. 85.

ASTHMA.

Johnson accepts the uric acid theory, as given by Haig, as the cause of asthma. He therefore lays special stress upon the diet. It should consist of the free use of vegetables, fruits, and vegetable products and in addition milk, fish, and eggs. Meats, soups, and meat extracts should be avoided as poison, for they are rich in uric acid. A diet may be prolonged for a year or more before success is met, for the body cannot be cleared of accumulated urates in a week. The drugs most used are the iodids and salicylates, used to remove the uric acid from the blood. In giving the salicylates he recommends that they be combined with drugs which diminish alkalinity, as aromatic spirits of ammonia or mineral acids, in order to facilitate excretion and prevent combination with the alkalis of the blood.

Shoemaker recommends the following prescription to use between attacks:

℞ Potass. Iodid.....4 drachms
 Liq. Potas. Arsenitis.....1½ drachms
 Ext. Grindelia, Fl.....2 ounces
 Tinct. Euphorbia Pilulif.....4 drachms
 Fl. Ext. Yerba Sant., to make.....4 ounces

M. Sig.—One teaspoonful three times a day.

In the suffocative stages the following is recommended:

℞ Tinct. Lobelia.....½ ounce
 Tinct. Sanguinaria.....2 ounces
 Oil Peppermint.....½ drachm
 Syr. Empyreumatic.....5 ounces

M. Sig.—Half a teaspoonful every two hours.

A good method of giving chloroform externally during the attacks is as follows, advised by Da Costa:

℞ Chloroform..... $\frac{1}{2}$ ounce
 Oil Turpentine.....1 ounce
 Spir. Rosemary $1\frac{1}{2}$ drachms

M. Sig.—To be rubbed on chest several times a day.

Ether can be given internally in the following manner :

℞ Ether..... $1\frac{1}{2}$ ounces
 Tinct. Lobelia.....1 ounce
 Tinct. Opium..... $\frac{3}{4}$ ounce
 Tinct. Stramonium..... $\frac{3}{4}$ ounce

M. Sig.—Half-teaspoonful every hour or so during the attack until nausea results.

Wells states that the following combination meets with favor among asthmatic patients :

℞ Pulv. Stramonii.....3 drachms
 Pulv. Belladonna Fol.....3 drachms
 Pulv. Potassii Nitratis..... $1\frac{1}{2}$ drachms
 Pulv. Opii.....15 grains

M. Sig.—Burn a half-teaspoonful and inhale the fumes. Internally, in chronic asthma, Fothergill's formula is of great service. It is as follows :

℞ Ammon. Iodidi..... $1\frac{1}{2}$ drachms
 Ammon. Bromidi.....2 drachms
 Syrup Tolutani 2 ounces
 Tinct. Lobeliæ.....3 ounces

M. Sig.—One teaspoonful in water three or four times a day.

Jackson recommends the following, to be inhaled to check the attacks of difficult breathing :

℞ Pulv. Potass. Nitratis.....5 drachms
 Pulv. Stramonii.....75 grains
 Pulv. Lobeliæ..... $1\frac{1}{2}$ drachms
 Pulv. Belladonnæ.....45 grains
 Pulv. Grindeliæ..... $1\frac{1}{2}$ drachms
 Pulv. Hydrastis Canad.....15 grains

M. Sig.—Burn one teaspoonful in a small closed room and inhale the smoke.

R	Sodii Bromidi	$\frac{1}{2}$ drachm
	Sodii Iodidi	$\frac{1}{2}$ drachm
	Ext. Euphorbiæ, Fl.....	1 drachm
	Spir. Glonoini.....	15 minims
	Tinct. Lobeliæ, Fl.....	1 drachm

M. For 30 compressed tablets. Sig.—One to two tablets three times a day.

Indications—Used in bronchial asthma.

HOMŒOPATHIC TREATMENT:

Belladonna, 3x dilution. Five drops every half hour.

Indications—Used when the breathing is laborious and irregular; short, quick, and hurried, then slow, with violent expirations; pressing in the chest; palpitation of the heart; face pale, changing to a redness or bluish red, and bloated.

Aconite, 3x dilution. Five drops every half hour.

Indications—When the breathing is anxious, oppressed and laborious, with mouth open gasping for breath; face flushed; blood-vessels of the neck distended, and pulse accelerated.

Cuprum, 3x trituration. Five grains every hour.

Indications—When the breathing is quick, difficult, with moaning; spasmodic cough and wheezing; or suffocating arrest of breathing.

Ipecac, 3x dilution. Five drops every half hour.

Indications—When the breathing is short and panting; contraction or spasmodic contraction of the chest; face bloated or pale, with blue circles around the eyes.

Lobelia Inflata, 3x dilution. Five drops every half hour.

Indications—When the breathing is laborious, and attacks are in paroxysms; face hot; and dizziness.

Nux Vomica, 3x trituration. Five grains every hour.

Indications—When the breathing is suffocative, com-

ing on by fits after midnight; dry spasmodic cough; palpitation of the heart, with heaviness or pressure in the head.

Pulsatilla, 3x dilution. Five drops every hour.

Indications—When the breathing is rattling, or suffocative as if from a spasm of the chest; cough, with difficult expectoration, cough relieved on rising from the pillow.

No. 86.

SPERMATORRHŒA.

NOCTURNAL EMISSIONS.

An emission of semen during sleep, most frequently the result of libidinous dreams, but sometimes caused by nervous weakness, or it may be caused by self-abuse.

TREATMENT:

℞ Hyoscin Hydrobromatis..... $\frac{1}{4}$ grain
Sacchari Lactis.....36 grains
Alcohol, q. s.

M. For 25 triturated tablets. Sig.—One tablet at bed-time.

Indications—Used in spinal hyperæsthesia, in conjunction with prolonged hot sitz-baths. Hemorrhoids, anal fissures and fistulæ, elongated prepuce, urethral strictures, contracted meatus, and all other sources of local irritation should receive careful attention. Tonics and roborants in the presence of debility and asthenia, sedatives in spinal hyperæsthesia.

℞ Camphoræ.....12 grains
Ext. Ergot.....12 grains
Strychninæ Sulph.....1 grain

M. For 24 pills. Sig.—One pill after each meal.

Indications—Useful in the presence of asthenia (loss of strength ; debility).

℞ Liq. Potassii Arsenitis..... $\frac{1}{2}$ drachm
 Tinct. Nucis Vomicæ..... $\frac{1}{2}$ drachm
 Tinct. Cinchonæ Comp., q. s. ad.....3 ounces

M. Sig.—Used in the presence of asthenia, loss of appetite, anemia (impoverished blood).

℞ Argenti Nitratiss.....10 grains
 Aquæ Dest, Fl.....1 ounce

M. Sig.—Inject a few drops deep into urethra with suitable long nozzle syringe.

Indications—Useful in spermatorrhœa with posterior urethritis.—N. E. MED. MON.

℞ Zinci Valerianatis.....10 grains
 Ferri Valerianatis.....10 grains
 Quininæ Valerianatis.....10 grains
 Castorei 10 grains

M. For 40 pills. Sig.—One pill after each meal.

Indications—Useful in anemia and nervous manifestations.

HOMŒOPATHIC TREATMENT:

Strychnine, 3x trituration. Five grains every three hours.

No. 87.

PRURITUS.

ITCHING.

A fine pimply eruption affecting the whole surface of the skin, or confined to some particular part or organ, as that of the anus or vulva (privates), accompanied with an intense degree of itching.

TREATMENT:

Schamberg recommends the following to be taken

internally in cases of chronic pruritus over different parts of the body:

℞ Acid Carbol..... $\frac{1}{2}$ –1 drachm
Glycerini 1–2 drachms
Vini Xerici, to make.....3 ounces

M. Sig.—One teaspoonful after each meal.

For a local application Evans recommends the following lotion:

℞ Acid Carbolic Liq.....1 drachm
Liq. Potass..... $\frac{1}{2}$ drachm
Aquæ, to make.....8 ounces

M. Sig.—Apply to the itching parts as required.

Robin and Dalch recommends the following treatment of pruritus occurring in women at the change of life or as the result of nervous disorders arising from rheumatism, gout, diabetes, Bright's disease, or gastric (stomach) disturbances. For external applications they prescribe the following:

℞ Pulv. Orthoform.....1 drachm
Pulv. Diiodoform 1 drachm
Pulv. Talcii.....1 drachm

M. Sig.—Dust over the affected parts several times daily.

The statement is made that the anesthesia from orthoform lasts longer than that from cocaine.

They also recommend the following ointment:

℞ Menthol..... $\frac{3}{4}$ grain
Guaiacol 5–15 grains
Zinci Oxidi..... $2\frac{1}{2}$ drachms
Vaselini 1 ounce

M. Sig.—Apply to affected parts morning and evening.

The following is recommended for internal administration:

℞ Erythrol.....5–15 grains
Calcii Fluorid.....5–15 grains
Calcined Magnes 40 grains

M. For 20 powders. Sig.—One powder after each meal.

The foregoing is recommended particularly in fer-

mentation of butyric acid. If lactic acid fermentation is present the following should be substituted :

R Ammon. Fluorid..... $1\frac{1}{2}$ –15 grains
 Aquæ 10 ounces

M. Sig.—One dessertspoonful after breakfast and supper.

The following is highly recommended for pruritus in rheumatic subjects:

R Sodii Salicylatis.....2 drachms

M. For 24 compressed tablets. Sig.—One tablet after each meal.

PRURITUS ANI.—Tuttle, of New York, states that the local treatment, while simply palliative, is of the utmost importance because of the necessity of giving the patient immediate relief. He recommends hot water as one of the simplest, applied by the patient, just before retiring, as hot as can be borne. This must be applied without rubbing or irritating the parts. He also recommends the following:

R Acidi Carbol.....2 drachms
 Acidi Salicylici..... $2\frac{1}{2}$ drachms
 Sodii Biboratis.....1 drachm
 Glycerini 1 ounce

M. Sig.—Apply at bed-time and during the night if necessary.

In cases where there is fissure or in those marked cases of atrophic (shrinking) catarrh, the following is effectual :

R Extract Conii.....2 drachms
 Ungt. Stramonii..... $\frac{1}{2}$ ounce
 Lanolini $\frac{1}{2}$ ounce

M. Sig.—Apply at bed-time and after stool.

Kelsey recommends an ointment made as follows:

R Mentholi 1 drachm
 Cerat. Simp.....2 ounces
 Ol. Amygdalæ Dulcis.....1 ounce
 Acidi Carbolicæ.....1 drachm
 Pulv. Zinci Oxidi.....2 drachms

M. Sig.—Apply morning, noon, and night, after cleansing the parts.

PAIN.

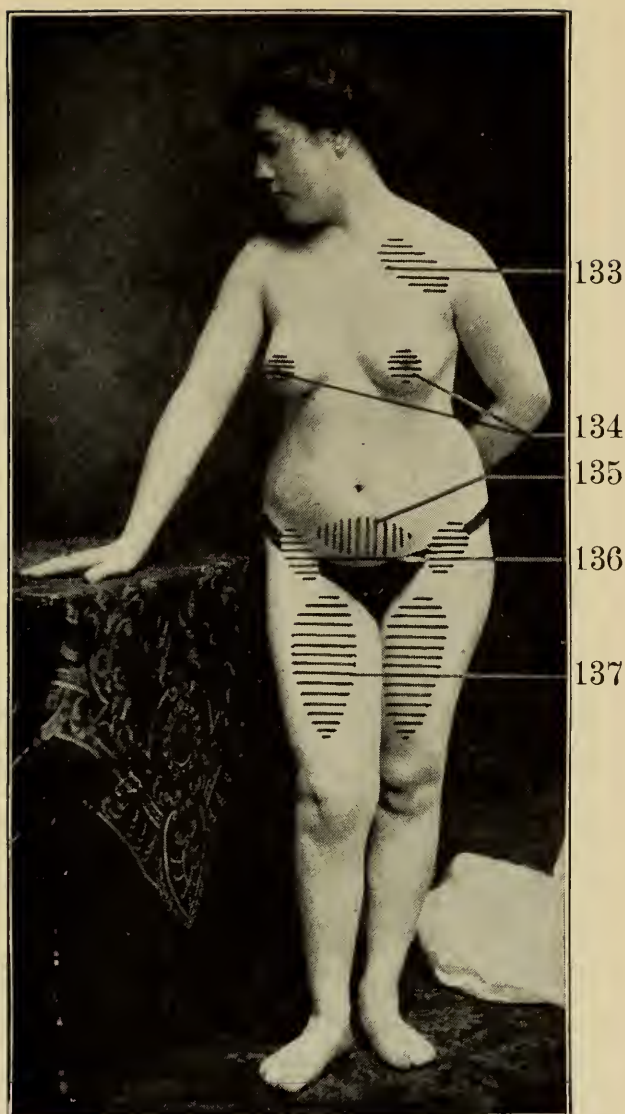


Fig. 28.

133. Transferred pain of endometritis (chronic catarrhal inflammation of the womb; usually confined to the lower part or half of the womb, and of which the most prominent symptom is leucorrhœa or whites). For treatment, use Nos. 301 and 308. In many cases of endometritis No. 301 will be sufficient.
- 134, 135, and 138 Fig. 29, are infallible symptoms of endometritis affecting the upper part or half of the womb, and while this form of endometritis is always more difficult to cure, and the length of time required for treatment much greater, the remedies used are the same as those given above — 301 and 308 — but in this form of endometritis, long and persistent use of both treatments may be required.
135. Both subinvolution (large painful womb) and chronic cystitis (inflammation of bladder) will produce this symptom.
If pain is unaccompanied with bladder irritation, use treatment for subinvolution No. 309.
If unaccompanied by female trouble, use No. 317.
136. Ovary ache, or neuralgia of the ovaries. For treatment, use No. 318.
137. Diseased womb. Use Nos. 33, and 301 or 309.

The following gives great service in relieving the troublesome itching:

℞ Alumnol.....30 grains
Pulv. Camphoræ.....1½ drachms
Lanolini, to make.....1 ounce

M. Sig.—Apply to the affected parts night and morning.

Monroe recommends the following ointment as being very useful in relieving itching of pruritus ani:

℞ Carbolic Acid (Crystals).....30 grains
Calomel.....1 drachm
Tar.....1½ drachms
Menthol.....20 grains
Zinc Oxid.....2 drachms
Simp. Cerate.....2 ounces

M. Sig.—Wash the parts with hot water and spread the ointment on a cloth. Apply and fasten with a T-bandage.

PRURITUS VULVA (Privates).—Siebourg states that the removal of the cause of the trouble is imperative. An exact uranalysis should be made; or if due to an irritating vaginal discharge it should be checked by hot water injections, medicated with the following:

℞ Acetate of Lead.....1 ounce
Pulv. Dried Alum.....1 ounce
Acid Carbolic.....1 drachm
Aquæ, to make.....6 ounces

M. Sig.—Two teaspoonfuls to one quart of hot water and inject into the vagina, morning and evening.

Rubbing or scratching of the vulva should be prohibited. The diseased parts should be washed with water and pure soap after each urination, and the following should be applied to relieve the itching:

℞ Cocainæ.....30 grains
Orthoformi.....24 grains
Menthol.....8½ grains
Acid Carbol.....15 grains
Vaselini.....5 drachms

M. Sig.—Apply as may be required to allay the itching.

The following solution is highly recommended for pruritus vulva:

℞ Carbolic Acid.....1 part
 Glycerin.....10 parts
 Lime Water.....100 parts

M. Sig.—Apply to the itching parts as required.

Guilhot recommends the following in pruritus vulva:

℞ Sodii Hyposulphitis.....45 grains
 Adipis Lanæ Hydrosi.....1 ounce

M. Sig.—Apply to the affected parts freely.

No. 88.

FOUL BREATH.

TREATMENT:

The teeth should be thoroughly cleansed, the gums sponged with myrrh and water, and one of the following allowed to dissolve in the mouth:

℞ Pulv. Cinnamomi.....10 grains
 Pulv. Cardamomi.....10 grains
 Pulv. Pimetæ.....10 grains
 Sacch. Alb.....1 drachm
 Mucilag. Acaciæ, q. s.

M. For 50 tablets. Sig.—One to dissolve in the mouth as required.

The digestive functions should be regulated, bad teeth attended to, and the mouth washed after meals with:

℞ Thymoli.....8 grains
 Sodii Borat.....15 grains
 Aquæ, to make.....1 pint

M.—Walker.

℞ Carbonis Ligni.....4 drachms

M. For 24 capsules. Sig.—One to be taken internally every three hours.

Indications—Used in foul breath when due to a sour stomach.

No. 89.

PNEUMONIA.

INFLAMMATION OF THE LUNGS.

In his article on the treatment of pneumonia, Hare, of Philadelphia, advises the following line of

TREATMENT :

If the physician see the patient soon after the chill he may have opportunity, if the conditions are properly recognized, to arrest the severity of the disease and perhaps avoid an otherwise fatal illness. The patient should be ordered to bed at once in a large well-ventilated room, and if possible a competent nurse should be employed. The following should constitute the early treatment in order to establish good elimination and relieve to some extent the congestion :

℞ Hydrarg. Chlor. Mit.....3-6 grains
Sodii Bicarb.....5-10 grains

M. Sig.—At one dose, to be followed at the proper time by a saline cathartic.

The following may be administered to relieve the pain, cough, and to promote elimination by the skin :

℞ Pulv. Opii et Ipecac..... $\frac{1}{2}$ drachm

M. For 6 capsules. Sig.—One capsule to allay the pain, and repeat in three hours if necessary.

The following combination is sometimes used after administering the purging dose of calomel :

℞ Tinct. Aconiti.....15 minims
Tinct. Opii Camph..... $1\frac{1}{2}$ drachms
Sol. Ammon. Acetatis..... $1\frac{1}{2}$ drachms
Syr. Zingiberis..... $1\frac{1}{2}$ drachms
Aquaë, to make.....4 ounces

M. Sig.—One tablespoonful every two hours.

To establish renal elimination the following may be of service :

℞ Spir. Etheris Nitrosi.....2 drachms
 Liq. Ammon. Acetatis, to make.....4 ounces

M. Sig.—One teaspoonful every four hours.

During the first twelve or fifteen hours of the disease, a hot foot bath and placing hot compresses to the chest to relieve pain, or if the fever is high, a cold compress changed frequently is of service. Internally the following is useful to depress the circulation and produce diaphoresis:

℞ Tinct. Veratri Viridis.....1 ounce

M. Sig.—Three minims every twenty minutes until three or four doses are given.

In the second stage of pneumonia different conditions are present and the treatment must likewise be changed. In this stage a greater amount of labor is placed upon a heart which has become more or less weakened from the toxic substances carried by the blood. It is in this stage that the heart and general strength of the patient demand the attention and therapeutic judgment of the physician. If the right heart can properly do its work, then the physician is doing injury to his patient by the administration of cardiac stimulants. When the right heart shows that dilatation is overcoming the hypertrophy as shown by the weakening of the second pulmonic, then the heart may, with advantage, be aided by the administration of heart stimulants. As a result of this weakening other symptoms will arise, such as increased cyanosis, the change in the character of the respirations, and perhaps the mental condition of the patient. As a heart stimulant, the following may be employed:

℞ Strychninæ Sulphatis..... $\frac{1}{4}$ — $\frac{1}{2}$ grain
 Spir. Ammon. Arom.....4 drachms
 Aquæ Camphoræ, to make.....2 ounces

M. Sig.—One teaspoonful every three or four hours.

The foregoing may be given alternately with spiritus

frumenti one-half ounce to one ounce every four hours. If the cyanosis and the subjective symptoms of the patient increase, showing increased inability of the right heart to do its work competently, then a stronger stimulant, as follows, must be resorted to:

℞ Infusi Digitalis.....3 drachms
Potassii Citratis.....20 grains

M. Sig.—At one dose, to be repeated in four hours.

The great tolerance of digitalis in pneumonia has been commented upon by many writers; but we must remember, in using it as a heart stimulant in the second stage of pneumonia, that the drug should be pushed only when there are positive evidences or indications of the right heart giving out. It has the disadvantage, especially the tincture, of contracting the peripheral blood vessels and this in turn throwing more work upon the heart. It is advisable then to decrease the peripheral blood pressure as much as possible and thus negatively stimulating the heart by lightening its burden. To do this we can depend upon no better class of drugs than:

℞ Spir. Glonoini (1 per cent.).....15 minims
Spir. Ammon. Arom.....5 drachms
Tr. Cardamomi Comp., q. s. ad 2 ounces

M. Sig.—One teaspoonful every four hours.

The foregoing prescription may be given alternately with the digitalis, or given in combination as follows:

℞ Spir. Glonoini (1 per cent.).....25 minims
Tinct. Nucis Vomicae.....1 drachm
Tinct. Digitalis 2 drachms
Tinct. Gent. Comp., to make..... 3 ounces

M. Sig.—One teaspoonful every six hours.

In conjunction with the treatment of the heart in the second stage of pneumonia the organs of elimination must receive proper attention; especially is it

necessary that the kidneys be properly stimulated and encouraged to do their work properly. Danforth, in his article in the "American Text-book of Therapeutics," makes the statement that a case of pneumonia is not hopeless as long as the kidneys are in active service, otherwise a fatal result may be expected. The hepatic stimulant should not be neglected, and careful attention should be given to the bowels and skin.

If resolution is delayed during convalescence and the cough troublesome, the following may be given:

R	Codeinæ Sulph.....	6 grains
	Ammon. Carb.....	1 drachm
	Aquæ Camphoræ.....	1 ounce
	Syr. Tolutani, to make.....	3 ounces

M. Sig.—One teaspoonful every three hours.

The complications most likely to arise are pleurisy, pericarditis, endocarditis, and meningitis, which should be treated as independent diseases.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every hour.

Indications—Used at the beginning of the attack, and continued until an amelioration of the symptoms.

Bryonia, 3x dilution. Five drops every hour.

Indications—When there is great oppression in the chest; severe pain and soreness, aggravated by motion.

Pulsatilla, 3x dilution. Five drops every hour.

Indications—When the pain changes to stitches, more particularly in the left side; mucus expectoration streaked with blood.

Rhus Tox., 3x dilution. Five drops every hour.

Indications—When the inflammation has produced a change in the lungs similar to hepatization, or symptoms become typhoid.

No. 90.

COUGHS AND COLDS.

TREATMENT :

℞ Ammonii Muriatis.....48 grains
 Codeiæ Sulph.....4 grains
 Acid Hydrocyanic.....10 minims
 Syr. Pruni Virgi.....1 ounce
 Aquæ Dest, to make.....3 ounces

M. Sig.—One teaspoonful four times a day.

Indications—Used in coughs and colds.—LUNDY.

The following is a prescription of the late Sir Robert Christison for coughs:

℞ Syr. Scillæ.....1 ounce
 Aq. Menth. Pip.....1 ounce
 Tinct. Opii Ammon.....2 drachms
 Tinct. Lavandulæ Comp.....2 drachms
 Spr. Simp.....1 ounce

M. Sig.—One tablespoonful three or four times a day.

A Canadian's recipe for cough which has proved valuable, especially in cases of young children, is as follows :

℞ Codein Sulphatis.....6 grains
 Spir. Æth. Nitrosi.....1 drachm
 Syr. Ipecac 1 drachm
 Syr. Lactucarii (Aubergier), q. s.....3 ounces

M. Sig.—One-half to a teaspoonful as required for the cough.

In the irritating cough which so often follows influenza (grippe), the following will be of service :

℞ Heroin. Hydrochloratis.....3 grains
 Syr. Acaciæ.....6 drachms
 Aquæ, to make.....4 ounces

M. Sig.—Two teaspoonfuls three or four times a day.

PERSISTENT COUGH AND INSOMNIA.—Rixa claims that he has obtained most excellent results when all else seemed to have failed from :

℞ Narceiæ.....5 grains

M. For 10 pills. Sig.—One pill at bed-time.

No. 91.

ACNE.

PIMPLES.

A papular eruption, mostly occurring on the face, but sometimes extending to the neck, shoulders, or breast, and affects those who are in the bloom of life.

The chief causes of pimples, according to the "Indian Med. Record," are some disturbances of the system at certain periods of life, dyspepsia, debility, and in females, disorders of the generative organs. The following treatment is recommended :

R	Sodii Bicarbonate.....	108 grains
	Calcined Magnesia.....	72 grains
	Pulv. Cascara Sagrada.....	24 grains
	Benzonaphthol	24 grains

M. For 24 powders. Sig.—One powder to be taken at the beginning of each meal. Abstain from taking coffee, tea, all alcoholic beverages, pork, fish, truffles, pastry, cheese, spiced foods, tomatoes, and uncooked food. Do not eat much butter or fatty food.

The diseased area must be cleansed with :

R	Wheat Bran.....	2½ drachms
	Sodium Biborate.....	2 drachms
	Water.....	1 quart

M. Boil the water and add the other ingredients. Sig.—Apply while hot with small wad of absorbent cotton. In the evening it may be washed with naphthol soap, then sponged with camphor water. Before retiring, the eruption should be covered with a small quantity of the following ointment in which the vaseline may be increased or diminished according to the effect produced :

R	Camphorated Betanaphthol.....	4½ grains
	Resorcin.	1½ grains
	Black Soap.....	1½ grains
	Prep. Chalk.....	7½ grains
	Precipitated Sulph.....	22 grains
	Pure Vaseline.....	3 drachms

M. Sig.—Apply just before retiring.

In the morning after the toilet, the following should be applied to the parts:

℞ Sodium Borate.....	21½ drachms
Camph. Sulphuric Ether.....	10 drachms
Aquæ Rose.....	31⅓ ounces
Aquæ Dest.....	5 ounces

M. Sig.—Apply freely.—BROCQ.

Dr. Allen states that disturbances in uterine function is often the cause of pimples in women. Especially is this the cause in the variety limited to the region of the mouth and chin. He recommends in such cases, the following:

℞ Ergotæ, Fl.....	21½ drachms
Tinct. Ferri Chloridi.....	1½ drachms
Glycerini.....	½ ounce
Ext. Cascaræ, Fl.....	1 drachm
Syr. Simplicis.....	2 ounces

M. Sig.—One teaspoonful three times a day.

In cases where the pimples have been rubbed open, leaving them exposed to local infection, the following is recommended:

℞ Ichthyol.....	5 grains
Resorcin.....	5 grains
Pulv. Calaminæ.....	20 grains
Ungt. Zinci Oxidi.....	1 ounce

M. Sig.—Apply to the pimples three times a day.

No. 92.

PSORIASIS.

SCALY TETTER.

A cutaneous disease, characterized by a rough, scaly cuticle, continuous, or in separate irregular patches,—generally with fissures (cracks) of the skin:—usually called scaly tetter.

PAIN.

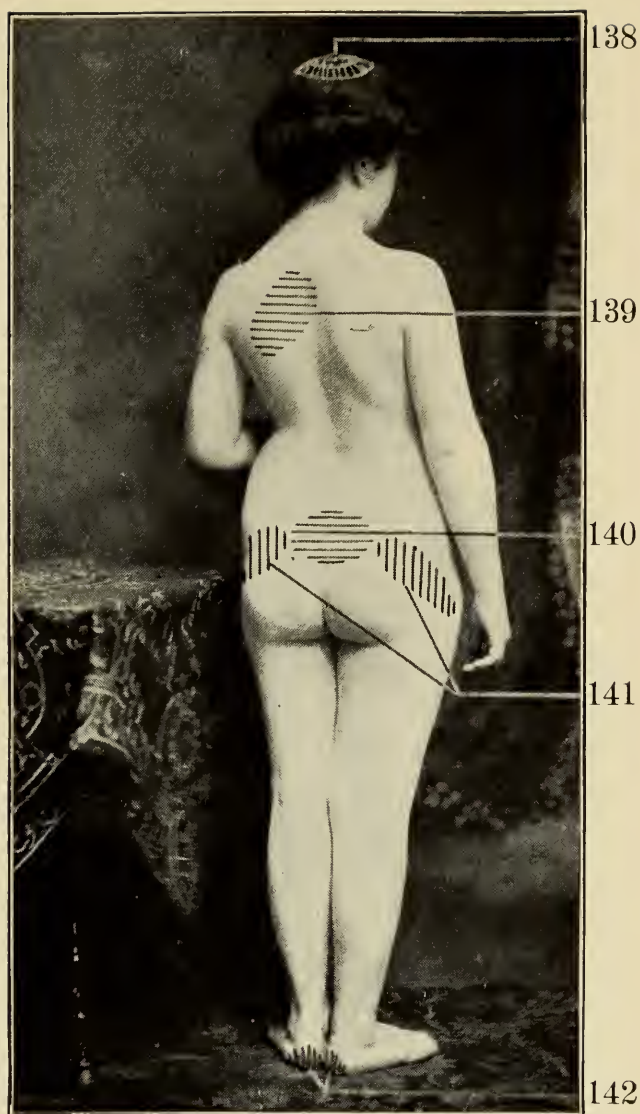


Fig. 29.

138. Headache of neurasthenia (nervous debility), and anemia (impoverished blood). When either of these two conditions depend upon a diseased womb, as they so frequently do, the pain is accompanied with great heat. Endometritis, or inflammation of the upper half or body of the womb, produces this symptom. For the endometritis use Nos. 301 and 308. For the nervous debility, or impoverished blood, use No. 27, or No. 56, as the symptoms may indicate.
139. Pain under left shoulder blade and extending through left chest (133, Fig. 28), and which so frequently leads women to believe they have lung trouble, is always a characteristic symptom of endometritis. Use Nos. 301 or 308, or both.
140. Endometritis. Use No. 301.
141. Diseased or prolapsed ovaries. Use No. 319.
142. Neurasthenia; ovarian. Use Nos. 27 or 319.

TREATMENT :

Angle states that arsenic should never be given during the acute stage of scaly tetter, but when once determined upon it should be continued for several months or even years. The initial dose should be small and taken after meals well diluted. He prescribes arsenic in the following form :

℞ Liq. Potass. Arsenitis.....2 drachms
Aquaë Menth. Pip., to make.....4 ounces

M. Sig.—One-half to two teaspoonfuls after meals in water.

Or :

℞ Acidi Arseniosi.....2 grains
Pulv. Piperis Nigræ.....20 grains
Pulv. Glycyrrhiza.....20 grains

M. For 40 pills. Sig.—One pill after each meal.

The following treatment for scaly tetter is recommended in the "N. E. Med. Mon." :

℞ Liq. Potass.....4 drachms
Vini Colchici Radi.....1 ounce
Syr. Sarsaparillæ Comp.....2 ounces
Aquaë, to make.....8 ounces

M. Sig.—One teaspoonful in water after each meal.

Indications—Used in scaly tetter in gouty and lithemic subjects.

℞ Thyreoidini.....20 grains
Sacch. Lact.....1 drachm

M. For 40 triturated tablets. Sig.—One to two tablets three times a day.

Indications—Said to be of value in cases that fail to respond to other remedies. Caution: The foregoing should be administered by a physician. Headache, dizziness, syncope, or restlessness indicate excessive doses. The author gives the dose at one to four tablets three times a day.

℞	Chrysarobini.....	12 grains
	Acidi Salicylici.....	12 grains
	Ætheris, Fl.....	1 drachm
	Collodii Flexilis, Fl.....	1 ounce

M. Sig.—Paint upon the patch, and when crusts become loosened, remove them and reapply once daily.

Indications—Only used in small patches in chronic scaly tetter.

No. 93.

LUPUS.

LUPUS, a “Wolf”; so named from its destructiveness. A corroding disease like cancer.

Una, in “Brit. Med. Jour.” recommends the following paste in treatment of lupus.

℞	Acidi Salicylici.....	$\frac{1}{2}$ drachm
	Sol. Antimonii Chloridi.....	$\frac{1}{2}$ drachm
	Creasoti.....	1 drachm
	Ext. Cannabis Indicæ.....	1 drachm
	Lanolini.....	4 drachms

M. Sig.—Apply locally to the affected parts.

The solution of antimony is an unofficial preparation and is a powerful caustic and a destroyer of bacilli. The creasote and cannabis indicæ will relieve the pain. The salicylic acid aids penetration.

Dr. L. Butte recommends that the entire patch be thoroughly cleansed with the following antiseptic solution:

℞	Hydrarg. Chloridi Corros.....	5 grains
	Tinct. Benzoini.....	75 minims
	Tinct. Saponis.....	$1\frac{1}{2}$ ounces
	Aquæ Dest.....	7 ounces

M. Sig.—Cleanse the parts thoroughly. Then apply compresses saturated with a 2 per cent. solution of potassium permanganate for ten or twelve minutes. Repeat every day.

He claims by this method to be able to effect a cure in two or three months.

No. 94.

ECZEMA.

A smarting eruption of small pustules, generally crowded together, without fever, and not contagious. There are seven varieties according to some dermatologists.

TREATMENT :

When eczema is present dependent upon digestive disturbances, with constipation, Stelwagon recommends the following in connection with local applications :

R Magnesii Sulphatis.....1 ounce
Acidi Sulphurici Dil.....2 drachms
Ferri Sulphatis 6 grains
Aquæ Menth. Pip., to make.....6 ounces

M. Sig.—One tablespoonful is to be taken in a glass of water one-half hour before breakfast, and if necessary upon retiring at night.

In some cases he advises the addition of sulphur 4 drachms to the above mixture to increase its activity.

He also recommends the following as a stomachic laxative tonic :

R Sodii Salicylic.....2 drachms
Ext. Rhamni Purshianæ, Fl.....1½ drachms
Tinct. Nucis Vomicæ.....4 drachms
Tinct. Cardamom Comp., q. s. ad....4 ounces

M. Sig.—One teaspoonful in water after each meal.

For local treatment he recommends the following :

R Acidi Salicylici.....2-5 grains
Acidi Borici.....2 drachms
Zinci Oxidi.....1½ drachms
Talci Veneti.....1½ drachms

M. Sig.—Cleanse the parts well and apply locally once or twice a day.

The following is recommended by Brownlie, of Edinburgh, in the treatment of eczema :

R	Ichthyol.....	$\frac{1}{2}$ drachm
	Bismuth Sub-nit.....	1 drachm
	Amyli.....	1 drachm
	Zinci Oxidi.....	1 drachm
	Petrolati, to make.....	2 ounces

M. Sig.—Apply to the affected parts once a day.

In cases of eczema occurring on the arms and legs he employs the following:

R	Resorcin.....	5 grains
	Hydrarg. Ammon.....	5 grains
	Ichthyol.....	1 drachm
	Zinci Oxidi.....	2 drachms
	Vaselini.....	6 drachms
	Lanolini, to make.....	2 ounces

M. Sig.—Apply to the affected parts twice a day.

In erythematous (redness of the part) eczema Dr. Allen advises the following:

R	Pulv. Calaminæ.....	20 grains
	Zinci Oxidi.....	$\frac{1}{2}$ drachm
	Glycerini.....	3 drachms
	Aquæ Camphor.....	4 ounces

M. Sig.—Shake, apply to the parts and allow it to dry.

ECZEMA OF THE PRIVATES—

Vulvar (privates) eczema with pruritus belongs to a class of affections, according to Merk's "Archives," which frequently make the physician wish he had selected some other profession. Some varieties are exceedingly rebellious to treatment. Still, with care, every case should be cured or greatly alleviated. One of the best applications is a strong solution of silver nitrate. The strength may vary according to the severity of the symptoms, from 20 to 120 grains to the ounce of distilled water. This solution must be painted on several times a day, and is very efficacious (in scrotal pruritus, or eczema as well). For the night the following ointment should be used.

℞	Resorcin.....	20 grains
	Acid Salicylic.....	10 grains
	Cocaine Hydrochlor.....	12 grains
	Ichthyol.....	40 minims
	Wool-fat.....	4 drachms
	Vaseline, to make.....	1 ounce

M. Sig.—Apply thoroughly to all affected parts.

Frequently the application of cloths wrung from boiling hot water prior to the use of the ointment, will increase the efficiency of the latter.

ECZEMA OF THE EARS—

The following, in “N. Y. Med. Jour.,” is recommended as the best application for the exudation (moisture) and crusts in eczema of the ears:

℞	Zinci Oxidi.....	2½ drachms
	Hydrarg. Chloridi Mitis.....	½ drachms
	Pulv. Amyli.....	2½ drachms
	Petrolati.....	5 drachms

M. Ointment. Sig.—To be applied once a day to the affected surface after a thorough cleansing.

INFANTILE ECZEMA.—Kistler, in “London Mod. Med.,” recommends the following as an ointment in infantile eczema to relieve the itching:

℞	Acidi Salicylici.....	15 grains
	Bismuth Sub-nit.....	4 drachms
	Pulv. Amyli.....	1½ drachms
	Ungt. Aq. Rose.....	2 ounces

M. Sig.—Apply locally as required to relieve the itching.

HOMŒOPATHIC TREATMENT:

Aconite, 3x dilution. Five drops every three hours.

Indications—Used when the disease commences with considerable febrile heat.

Kali Bichrom., 3x trituration. Five grains every three hours.

Indications—When the eruptions run together and

fill with thick fluid ; or a violent itching with an eruption of small vesicles, forming scales, which are painful and discharge a reddish serum.

Calc. Carb., 3x trituration. Five grains every three hours.

Indications—When the eruption consists of large elevated patches, appearing more particularly on the face and elbows ; burning and itching ; or when the skin appears in an unhealthy condition after the eruption has passed off, and is prone to ulcerate and supurate.

Arsenicum, 3x trituration. Five grains every four hours.

Indications—When the skin is red and inflamed, with a burning, smarting sensation ; small confluent (running together) vesicles filled with a sero-purulent fluid, arise, dry up, and form a white, scaly surface, rather tender to the touch, and sometimes considerable soreness beneath the part affected.

Rhus Tox., 30x dilution. Five drops every three hours.

Indications—When the eruption consists of red pustules ; or burning vesicles, confluent and oozing a milky or watery fluid, and forming a rough, scaly surface, with cracks in the skin.

Mercurius, 3x trituration. Five grains every four hours.

Indications—When the skin is red and imparts heat to the hand ; an itching and tingling sensation is felt on different parts of the body ; the parts become red and covered with vesicles, at first filled with a transparent fluid, which soon becomes turbid (not clear) and dries up, and the skin desquamates (forms scales), leaving large patches ; considerable pain on changing position, and felt more at night.

Sulphur, 6x trituration. Five grains every meal time.

Indications—When the eruption has passed off, the skin remains rough and irritable; or a degree of dryness remains with some heat.

No. 95.

CARBUNCLE.

ANTHRAX.

A “little coal”; a hard, circumscribed, inflammatory dark-red, or purple tumor, accompanied by a sense of burning, resembling a boil, but having no central core.

TREATMENT:

Gross recommends the following as a cover for the carbuncle, first painting it with tincture of iodine:

℞ Oil Terebinthinæ.....1 drachm
 Oil Olive 1 drachm
 Tinct. Opii.....1 drachm

M. Sig.—Apply by means of a wad of cotton soaked in the solution and held on carbuncle with bandage.

The foregoing is regarded as an antiseptic, destroying the cocci if they are not too firmly established in their location. The following is sometimes used:

℞ Tinct. Arnica Flor.....1 drachm
 Acidi Tannici $\frac{1}{4}$ drachm
 Pulv. Acaciæ..... $\frac{1}{4}$ drachm

M. Sig.—Paint over the carbuncle every fifteen minutes until a thick coat is formed.

Young has used the following mixture for several years:

℞	Hydrarg. Oxidi Rubri.....	1-2 drachms
	Mentholis.....	20 grains
	Pulv. Camphoræ.....	15 grains
	Cocaine Hydrochlor.....	10 grains
	Acidi Carbolicæ.....	20 minims
	Morphinæ Sulph.....	5 grains
	Vaselini.....	1 ounce

M. Ointment. The menthol, camphor, cocaine, and carbolic acid should be mixed together; the red oxid of mercury and vaseline should be thoroughly triturated, then mixed with the other ingredients. Sig.—A thin coat of this ointment to be spread on sterilized gauze or muslin and applied four, five, or six times a day. The ointment should extend about an inch beyond the ulcerated edge.

D. Young applies this ointment as soon as a carbuncle is seen. The only other remedy used is peroxid of hydrogen, to wash out the ulcerated places. Internal treatment, in his hands, has never produced any marked effect upon the disease; but nutritious food and stimulants are indicated. Even in the worst cases this treatment never fails to keep the patient comfortable and hastens recovery.

No. 96.

CONDYLOMATA.

VENEREAL WARTS.

A small, hard tumor, or wart-like growth, about the anus and pudendum (genital organs) of both sexes.

TREATMENT :

℞	Hydrarg. Chloridi Corrosivi.....	1 grain
	Collodii.....	1 ounce

M. Sig.—Paint the warts once a day.

Or :

℞	Hydrarg. Chlor. Mit.....	6 drachms
	Acidi Borici.....	3 drachms
	Acidi Salicylici.....	1 drachm

M. Sig.—Use freely as a dusting powder over the growths.

Or :

℞ Acidi Tannici 2 drachms
 Hydrargyri Subchloridi 2 drachms
 Amyli 2 drachms

M. Sig.—Dust freely on affected parts.—N. E. MED. MON.

Dr. Fearn uses zinc chloride in the treatment of genital warts, as follows: He places crystals of the zinc chloride in a watch crystal and adds just enough water, drop by drop, to dissolve. This solution is applied to the warts with a camel's hair brush; it may be reapplied on the second day and repeated as needed. The warts blanch at once and when sufficiently withered may be clipped off.

No. 97.

NIGHT SWEATS.

Litten used the following with success in the treatment of night-sweats of phthisis, diabetes, leukæmia, etc.: Take an even tablespoonful of powdered oak bark and pour a cup of hot water over it. Let it stand for a quarter of an hour, then strain through cloth. When cool let the patient drink it slowly.

Hershfeld reports excellent results from sponging the body with the following mixture :

℞ Balsami Peruviani 30 grains
 Acidi Formici $1\frac{1}{4}$ drachms
 Chloralis Hydratis $1\frac{1}{4}$ drachms
 Alcoholis 6 ounces

M. Sig.—Sponge the patient's body at night.

In the night-sweats of consumption camphoric acid in dose of half a drachm taken one hour before bedtime is a valuable remedy. This dose is best given on

the tongue and washed down with a swallow of water. Other drugs of use are atropin, picrotoxin, agaricin, acetate of thallium, guaiacolate of piperidin. Of late the opinion has been expressed by several observers, that since the perspiration of night-sweats has been found to contain tuberculin, that no attempt should be made to lessen the sweating but that on the other hand it should be encouraged.

HOMŒOPATHIC TREATMENT:

Pilocarpine Tincture. One to five drops before retiring.

No. 98.

CRUSTS AND FISSURES OF THE NOSE.

TREATMENT:

℞ Ungt. Hydrarg. Ammon..... $1\frac{1}{4}$ drachms
 Vaselini $1\frac{1}{4}$ drachms
 Zinci Oxidi.....75 grains
 Plumbi Acetatis..... $\frac{1}{4}$ grain

M. Sig.—Anoint the affected parts night and morning.

No. 99.

ENURESIS.

INABILITY TO RETAIN THE URINE; WETTING THE BED.

TREATMENT:

Cassidy states that *rhus glabra* will prevent incontinence of urine in children. He prescribes it in the following form:

℞ Ext. Rhois Glabræ.....6 drachms
 Syr. Simplicis, to make.....2 ounces

M. Sig.—One teaspoonful at bed-time. He states that the use of iron as an adjuvant to rhus is important; but the mineral being incompatible with this vegetable astringent he gives it in a separate mixture along with cascara to relieve irritative dyspepsia. He recommends the following :

℞ Ferri Citratis..... $2\frac{1}{2}$ drachms
 Syr. Calcii Lactophosphatis.....1 ounce
 Elixir Cascara Sagrada Arom.....1 ounce

M. Sig.—One teaspoonful after the noon meal.

The action of rhus glabra resembles tannic acid. The astringent action of the former is exercised on the bladder.

HOMŒOPATHIC TREATMENT :

Rhus Aromatica Tincture. One to five drops before each meal.

No. 100.

ADDISON'S DISEASE.

ECCHYMOSIS.

A soft blue swelling from a bruise in old people.

TREATMENT :

The following is recommended in "N. E. Med. Mon.," for the blue swellings:

℞ Ext. Nucis Vomicæ.....12 grains
 Oil Morrhuae.....1 ounce

M. For 48 capsules. Sig.—One capsule two hours after each meal, to be increased to two capsules at each dose.

Indications—Used in debilitated, asthenic (want of strength) subjects.

℞ Bismuthi Sub-nitratis.....4 drachms
 Acidi Hydrocyanici Dil.....24 minims
 Aquæ Dest., to make.....3 ounces

M. Sig.—Shake and take one teaspoonful every three hours.

Indications—Used in nausea and vomiting.

HOMŒOPATHIC TREATMENT:

Arsenicum, 3x trituration. Five grains every three hours.

No. 101.

SMOKERS' GINGIVITIS.

INFLAMMATION OF GUMS.

TREATMENT:

℞ Salol.....15 grains
Tinct. Catechu.....1 drachm
Spir. Menthæ Pip.....4 ounces

M. Sig.—One teaspoonful in a half glass of water as a mouth wash.—IND. MED. JOUR.

No. 102.

PLEURISY.

INFLAMMATION OF THE PLEURA OR MEMBRANE AROUND
THE LUNG.

SYMPTOMS:

There are stitch pains in the side, usually in the neighborhood of the nipple, increased by movement and especially by breathing, and accompanied by a dry and painful cough.

TREATMENT:

The following combination is recommended for acute pleurisy in Canada "Lancet":

℞ Tinct. Aconiti Rad.....20 minims
Morphiæ Sulph.....1 grain
Ext. Ipecac.....15 minims
Spir. Ether. Nitrosi.....1 ounce
Aquæ.....1 ounce

M. Sig.—One teaspoonful every hour.

℞ Tinct. Aconiti.....8 minims
 Spir. Ætheris Nitrosi.....1 ounce
 Syr. Simp.....2 drachms
 Liq. Potassii Citratis, to make.....8 ounces

M. Sig.—Tablespoonful every hour until pulse becomes soft and compressible, then every two or three hours.

Indications—Earliest stage of acute pleurisy with fever, pain, and circulatory excitement, and before effusion. Strapping the chest with adhesive plaster will frequently give relief from pain.—N. E. M. M.

The following mixture is recommended by Matas to relieve the cough and remove the serofibrinous exudation :

℞ Ammon. Carb..... $\frac{1}{2}$ drachm
 Aq. Laurocerasi..... $\frac{1}{2}$ ounce
 Syr. Lactucarii..... $\frac{1}{2}$ ounce
 Syr. Senegæ..... $\frac{1}{2}$ ounce
 Syr. Tolutani, to make.....4 ounces

M. Sig.—One tablespoonful every two hours.

℞ Oil Tigli.....15 minims
 Tinct. Iodi.....2 drachms
 Ætheris 2 drachms

M. Sig.—With camel's hair brush paint lightly several spots the size of a penny over the painful area. Select fresh areas for application each day.

Indications—Used to relieve pain of localized areas of pulmonary congestion and inflammations, and also for localized pleurisy.—N. E. MED. MON.

NO. 103.

URTICARIA.

NETTLE RASH.

The nettle rash is an exanthematous fever characterized by an eruption like the elevations produced on the skin by the sting of a nettle.

TREATMENT :

℞ Salolpheni 1 drachm

M. For 12 powders. Sig.—One powder before meals.

Indications—Used in lithemic (urinary trouble) subjects and also in intestinal fermentation.

℞ Phenazoni 1 drachm

M. For 12 powders. Sig.—One powder three times a day.

Indications—Used to relieve itching and abort an attack.

℞ Sodii Salicylatis 2 drachms
Potassii Bicarbonatis 2 drachms
Aquæ Menthæ Viridis, to make 3 ounces

M. Sig.—One teaspoonful in water after each meal.

Indications—Used in rheumatic subjects. The patient should drink freely of alkaline waters.

The following is recommended by Merk's "Archives" as a local application in nettle rash :

℞ Acid. Carbol. 15 grains
Spir. Menthæ Pip. 15 minims
Zinci Oxidi 3 drachms
Lanæ 1½ ounces
Vaselini 1 ounce

M. Sig.—Apply to the affected parts as required.

Two grains of salicylate of sodium every hour or half hour in a teaspoonful of water will cure the most obstinate cases of urticaria, except those of chronic nature.—CHICAGO CLINIC.

HOMŒOPATHIC TREATMENT :

Apis Mel., 4x trituration. Five grains every three hours.

Indications—Weak and languid, with trembling of the limbs; the eruption stings and burns like stings of bees; the skin red, and worse at night; eruption affects nearly entire body.

Arsenicum Album, 3x trituration. Five grains every two hours.

Indications—Intense thirst, sleeplessness, eruption deep red color, and confined to face and arms ; eruption burns, and is aggravated by scratching.

Belladonna, 3x dilution. Five drops every two hours.

Indications—Face flushed, tongue red with white streak in center ; eruption bright red color, surrounded by deep red border ; burning and itching comes and goes periodically and suddenly.

Pulsatilla, 3x dilution. Five drops every two hours.

Indications—Eruption caused by eating pastry, fatty, and highly seasoned foods, itching shifting from one place to another ; eruption red, elevated, and hot ; scratching slightly relieves the rash, warmth of bed aggravates it.

NO. 104.

INTERTRIGO.

GALLING ; CHAFING.

An excoriation, or galling, of the skin about the anus, under the arms, or other parts of the body, with inflammation and moisture.

TREATMENT :

We find the following formula for an ointment in galling or chafing in “Reed’s Text-Book of Gynecology” :

℞	Zinc Oxide.....	15 grains
	Bismuth Subcarbonate.....	15 grains
	Carbolic Acid.....	10 drops
	Vaseline.....	1 ounce

M. Sig. — To be smeared on the affected surface.

℞ Zinci Stearatis.....4 drachms

M. Sig.—Apply freely several times a day as a dusting powder.

Indications—Used in galling or chafing as result of friction and in babies from irritating discharges.—N. E. MED. MON.

No. 105.

SUNBURN.

TREATMENT :

℞ Liq. Plumbi Subacetatis.....8 minims
Slippery Elm Bark.....1 drachm
Aquæ Rose, Fl.....4 ounces

M. Macerate a few minutes and strain. Sig.—Apply frequently.

Or :

℞ Aquæ Hydrogenii Dioxid, Fl.....1 ounce
Aquæ Rosæ, Fl.....3 ounces

M. Sig.—Apply on lint on going to bed.

Or :

℞ Aquæ Hydrogenii Dioxid, Fl..... $\frac{1}{2}$ ounce
Glycerin..... $\frac{1}{2}$ ounce
Hydrarg. Chlorid..... $\frac{1}{2}$ grain
Aquæ Rosæ.....4 ounces

M. Sig.—Swab on three to four times a day.—N. E. MED. MON.

No. 106.

GOITRE.

BIG-NECK.

A simple hypertrophy (enlargement) or cystic, fibroid, or fibro-cystic enlargement of the thyroid gland. When it has arisen without being inherited, the cause in most cases can be traced to impurity in the drinking water.

What this impurity is, has not yet been satisfactorily determined.

EXOPHTHALMIC GOITRE.—A protrusion of the eyeball, —usually caused by some tumor or abcess within the orbit.

TREATMENT :

The following is recommended in the “N. E. Med. Mon.” for simple and exophthalmic goitre:

℞ Iodini.....2 grains
Potassii Iodidi.....4 grains
Alcoholis..... $\frac{1}{2}$ drachm
Syrup Simp..... $\frac{1}{2}$ drachm
Aquæ, to make.....2 ounces

M. Sig.—One teaspoonful in water three times a day after meals.

Indications—Used in simple goitre (big-neck).

℞ Syr. Acidi Hydroiodici, Fl.....8 ounces

M. Sig.—One to two teaspoonfuls in water three times a day after meals.

Indications—Used in simple goitre.

℞ Thymi Siccati.....2 drachms

M. For 24 tablets. Sig.—One to two tablets three times a day.

Indications—Used in exophthalmic goitre.

℞ Ferri Carbonat.....1 drachm
Specific Veratrum.....2 drachms
Aquæ, to make.....3 ounces

M. Sig.—One teaspoonful four times a day.

Indications—Used in exophthalmic goitre.

HOMŒOPATHIC TREATMENT :

Guenther's Goitre Remedy. Four grains every meal time.

No. 107.

PERSPIRING FEET.

The following rules have been laid down to prevent excessive perspiration of the feet: Wear low shoes, wool stockings, and dust the feet over twice a day with iodol. The following may be used as a wash:

℞ Liq. Plumbi Diacet.....1 drachm
Acidi Carbol.....1 drachm
Aquæ, to make.....2 ounces

M. Sig.—One tablespoonful to be mixed with a pint of warm water and wash the feet every morning and dry with a soft towel.

No. 108.

ERYTHEMA NODOSUM.

Redness of the part; a superficial inflammation of the skin; having nodes; knotty; swollen in some parts, contracted in others.

TREATMENT:

In a letter from London, by Dr. Crawford, Brownlie is cited as recommending the following formula:

℞ Ichthyol.....2 drachms
Alcohol.....1½ drachms
Ether.....1½ drachms

M. The alcohol and ether are first mixed, and then the ichthyol added; else an insoluble deposit is formed. Sig.—Paint on the affected parts, it is said to relieve the pain speedily. Dr. Crawford himself recommends a paint consisting of:

℞ Ichthyol.....1 drachm
Collodion.....1 ounce

M. Sig.—Paint the parts with a camel's hair brush.

No. 109.

URÆMIA.

The presence of urine in the blood. The most prominent symptoms of which are: headache (usually occipital), sleeplessness, paralysis, amaurosis, convulsions, mania vomiting, delirium, coma, increased arterial tension, and dyspnœa.

TREATMENT :

℞ Pil. Colocynth Comp.....14 grains
Hydrarg. Chlorid. Mit.....6 grains

M. For 2 pills. Sig.—To be taken at once and followed in four hours by an ounce of the compound senna mixture.

℞ Potassii Acetatis.....4 drachms
Infusi Digitalis, to make.....8 ounces

M. Sig.—Tablespoonful every four hours.

Indications—Used as diuretic if arterial tension is low and the kidneys congested.

No. 110.

PEDICULI PUBIS.

CRAB-LICE.

A species of louse found chiefly on the pubes, distinguished by the cheliform structure of its legs. It causes intolerable itching, and frequently induces local prurigo.

TREATMENT :

Cut the hair short and saturate the parts with coal oil for 24 hours. Or take a hot soap and water bath and apply the following:

℞ Betanaphthol.....1 drachm
Aq. Cologne 4-6 drachms

M. Shoemaker recommends the foregoing for any form of lice.—
ANDERS, PRAC. OF MED.

℞ Flor. Delphini.....3 parts
Acetic.....100 parts

M. Sig.—Apply. Two washings of the parts will kill all lice and
their nits.—BENVENUTI.

NO. III.

HEMORRHOIDS.

PILES.

TREATMENT :

The following is recommended for painful hemor-
rhoids in the “Agenda Therapeutica”:

℞ Ext. Esculus Hippocastanum, Fl.....1 ounce
Chloroform.....1 drachm

M. Sig.—Ten drops in glass of wine or sweetened water morn-
ing and evening at meal time.

Or:

℞ Fl. Ext. Esculus Hippocastanum....6 drachms
Fl. Ext. Hamamelis 1½ drachms
Oil Peppermint 2 drops

M. Sig.—Fifteen drops in wine or sweetened water morning and
evening at meal time.

℞ Ceræ Flavæ.....2⅔ drachms
Resinæ 1⅓ drachms
Adipis.....½ ounce
Oil Sassafras.....40 minims

M. Melt the wax, resin, and lard together ; when the mixture shows
signs of stiffness add the oil of sassafras and stir until cold. Sig.—
Apply locally evenings and mornings.—CHARITY HOSPITAL, N. Y.

R	Cocaine Muriate.....	20 grains
	Morphine Sulph.....	5 grains
	Atropinæ Sulph.....	4 grains
	Pulv. Tannin.....	20 grains
	Vaseline.....	1 ounce
	Oil Rose, q. s.	

M. Sig.—Apply after each movement of the bowels. Keep bowels in soluble condition.—MED. MIRROR.

R	Vaseline.....	1 drachm
	Cocaine Muriate.....	12 grains
	Morphine.....	11 grains
	Calomel.....	40 grains

M. Sig.—Apply locally night and morning. If itching is severe apply the following :

R	Menthol.....	1 drachm
	Vaseline.....	1 ounce

M. — N. E. MED. MON.

R	Chrysarobini ..	18 grains
	Iodoformi.....	$\frac{1}{2}$ grain
	Ext. Belladonna.....	$\frac{1}{4}$ grain
	Ol. Theobrom.....	1 ounce

M. For 16 suppositories. Sig.—Pass one into the rectum two or three times daily.

Indications—Used in internal piles. For external piles use this formula :

R	Chrysarobini	22 $\frac{1}{2}$ grains
	Iodoformi.....	7 $\frac{1}{2}$ grains
	Ext. Belladonna.....	15 grains
	Petrolati.....	300 grains

M. Ointment. Sig.—Apply locally two or three times a day.—POUNNE.

Rennie gives a plan of treatment in painful hemorrhoids.

His method of treatment includes rest in bed with elevation of hips, light diet, contents of bowels soluble, and cleanliness. To avoid constipation he uses cascara, 20 to 30 drops of the fluid extract once or twice daily.

He uses the following prescription locally :

℞	Acid Carbol	6 grains
	Menthol ..	6 grains
	Cocaine Hydrochlorate.....	14 grains
	Acid Tannic	16 grains
	Vaseline Alb., to make.....	1 ounce

M. Sig.—Apply two or three times a day.

Price, in “Medical Summary,” recommends the following treatment in hemorrhoids :

℞	Flowers of Sulphur.....	$\frac{1}{2}$ ounce
	Tartaric Acid.....	$\frac{1}{2}$ ounce
	Powd. Sugar.....	$\frac{1}{2}$ ounce

M. Sig.—One to two teaspoonfuls in a glass of water before breakfast.

SECOND PRESCRIPTION :

℞	Campho-Phenique, Pure	1 drachm
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M. Sig.—Inject four or five drops into each pile.

He states that a great business was done in his country not long ago, and that the remedy is a splendid one, and is not dangerous.

The following is recommended for bleeding and painful piles in the “N. E. Med. Mon.”:

℞	Iodoformi.....	1 drachm
	Acidi Tannici.....	$\frac{1}{2}$ drachm
	Ext. Opii.....	16 grains
	Petrolati, to make.....	1 ounce

M. Sig.—To be applied inside of the rectum by means of a pile-pipe after douching with cold water.

Indications—Used for internal, painful, and bleeding piles.

℞	Ext. Opii.....	3 grains
	Liq. Plumbi Subacetatis.....	6 drops
	Ext. Hyoscyami.....	$1\frac{1}{2}$ grains
	Acidi Gallici.....	$1\frac{1}{2}$ grains
	Oil Theobromatis, q. s.	

M. For 6 suppositories. Sig.—One suppository in rectum two or three times daily.

Indications—Used for external piles with pain. The rectum should be emptied daily by injections of cold water.

No. 112.

CHRONIC ARTERITIS.

INFLAMMATION OF ARTERIES.

Dr. Boix gives the following combination for chronic arteritis :

℞ Hydrast. Hydrochlor..... $1\frac{1}{2}$ grains
 Sodii Iodidi.....30 grains
 Aquæ Dest.....6 ounces

M. Sig.—Take two tablespoonfuls each morning. The treatment should be suspended one week in each month.

No. 113.

INFLAMED AND BLEEDING GUMS.

TREATMENT :

℞ Tinct. Myrrhæ.....1 ounce
 Tinct. Benzoini Comp..... $\frac{1}{2}$ ounce
 Listerine, to make.....3 ounces

M. Sig.—Shake. Teaspoonful in wineglass of water as mouth wash every two hours.

Or:

℞ Phenol Sodique.....4 ounces

M. Sig.—Teaspoonful in half glass of water as mouth wash every four hours.

No. 114.

PERITONITIS.

[INFLAMMATION OF THE MEMBRANE SURROUNDING THE
INTESTINES.

The prominent symptoms of acute peritonitis is severe pain in the bowels, but quickly spread over the whole abdomen, and increased by pressure or movement. The appetite is completely lost, but there is intense thirst. Nausea, vomiting, and constipation.

The following treatment is recommended in the "N. E. Med. Mon.":

℞ Magnesii Sulphatis.....2 ounces
Aquæ, Fl.....8 ounces

M. Sig.—Teaspoonful without water every half hour until bowels move freely.

Indications—In the very beginning of acute sthenic, non-operative peritonitis, free from gastric or intestinal perforation, or intestinal obstruction. Ten, twenty, or thirty leeches over the abdomen, followed by hot poultices. After bowels have been moved freely, opiates may be resorted to.

℞ Morphine Sulph.....6 grains
Aq. Dest..... $\frac{1}{2}$ ounce

M. Sig.—Ten to twenty minims hypodermically as required to alleviate pain and quiet peristalsis.

Indications—Used in acute non-operative cases to relieve pain and vomiting.

Clark recommends the following antacid in the treatment of peritonitis:

℞ Sodii Bicarb.....1 drachm
Acidi Tartarici..... $\frac{2}{3}$ drachm
Tinct. Opii.....9 drops
Aq. Menth. Pip.....1 ounce
Aq. Pura.....3 ounces

M. Sig.—One teaspoonful every one or two hours.

HOMŒOPATHIC TREATMENT:

Colchicum Autumnale, 3x dilution. Five drops every two hours.

Indications—No appetite; great thirst; aversion to food, loathing the smell and sight of it. Pressing and cutting pains in the abdomen.

Cinchona, 3x dilution. Ten drops before each meal.

Indications—Thick, dirty, yellow coating on the tongue, with bitter taste; violent thirst for cold water; drinks but little, but wants it often. Abdomen full and tight, belching gives no relief.

 No. 115.

MENINGITIS.

INFLAMMATION OF THE BRAIN.

TREATMENT:

Brower, in an article on treatment of tuberculous meningitis, gives most satisfactory results obtained from the use of the following:

℞ Iodoformi..... 1 drachm
Lanolini..... 1 ounce

M. Ointment. Sig.—Apply locally to the scalp.

Before applying the ointment, the head must be closely shaved and the ointment thoroughly rubbed in, after which the ice-cap can be applied. The iodine reaction in the secretions can be obtained within a very few minutes after the ointment has been applied.

Malba recommends the following as an internal remedy in the treatment of tuberculous meningitis:

℞ Strontii Bromidi..... 15 grains
Chloral Hydratis..... $7\frac{1}{2}$ grains
Syr. Valerianæ, Fl..... 6 drachms
Syr. Menth. Pip., Fl..... 2 ounces

M. Sig.—One teaspoonful every quarter or half hour if necessary.

No. 116.

BED SORES.

TREATMENT :

Freyberger recommends the following as an ointment for bed sores.

℞	Zinc Sulphat.....	45 grains
	Plumbi Acetat.....	$\frac{1}{2}$ drachm
	Tinct. Myrrh.....	20 minims
	Vaseline, to make.....	2 ounces

M. Sig.—Apply locally several times daily.

No. 117.

INSECT STINGS.

TREATMENT :

The following applications are recommended by Bernbeck as acting promptly in allaying the pain and inflammation of insect stings :

℞	Collodion (Flexible).....	2 drachms
	Acid Salicylic.....	12 grains

M. Sig.—Apply locally.

Or :

℞	Collodion.....	$1\frac{1}{2}$ drachms
	Hydrarg. Chlor. Corros.....	$\frac{3}{4}$ grain

M. Sig.—Apply to affected parts.

No. 118.

IMPETIGO.

TETTER.

A skin disease marked by small, irregular circumscribed pustules, chiefly on the extremities, slightly elevated, and terminating in a scab, unaccompanied with fever, and not contagious ; humid or running tetter.

The following is recommended for the treatment of tetter in the "N. E. Med. Mon.":

℞ Ungt. Hydrarg. Ammon.....2 drachms
Ungt. Aq. Rose.....2 drachms

M. Sig.—Apply freely three times a day after thoroughly bathing with warm water and soap.

Indications—Used to soften and remove crusts.

℞ Acidi Carbolici.....2 drachms
Acidi Borici.....4 drachms
Aquæ Ferventis, to make.....16 ounces

M. Sig.—Used as a wash several times a day.

Indications—Used to prevent itching and as antiseptic.

No. 119.

ALCOHOLISM, ACUTE AND CHRONIC; DELIRIUM TREMENS.

TREATMENT:

The following formula is recommended by J. M. Anders:

℞ Sodii Bromidi.....1 ounce
Tinct. Capsici.....1 drachm
Tinct. Digitalis..... $\frac{1}{2}$ drachm
Elix. Simplicis.....2 ounces

M. Sig.—A teaspoonful in water every two or three hours.

Indications—Used in acute alcoholism.

℞ Orexini.....15 grains

M. For 15 powders. Sig.—One powder before meals.

Indications—Used to stimulate digestion or to prevent vomiting in subacute alcoholism.

℞ Tinct. Nucis Vomicæ.....1 drachm
Acidi Hydrochlorici Dil.....4 drachms
Tinct. Capsici.....1 drachm
Tinct. Gentianæ Comp., to make.....3 ounces

M. Sig.—Two teaspoonfuls in water before meals.

Indications—Used to improve appetite and digestion after a debauch.

To meet the different symptoms present in chronic alcoholism, Dr. Daniel R. Crower recommends the following outline of treatment to replace the stimulant:

℞ Tinct. Capsici.....2 drachms
Tinct. Nucis Vom.....2 drachms
Tinct. Cinchonæ Comp., to make....3 ounces

M. Sig.—One teaspoonful every three hours.

To produce sleep, the following:

℞ Chloralis Hydrastis.....1½ drachms
Potassii Bromidi.....1½ drachms
Ext. Glycyrrhizæ, Fl.....1 ounce
Syr. Simplicis, to make.....3 ounces

M. Sig.—One dessertspoonful at night.

Careful attention must be given to nourishment and elimination. He advocates the frequent administration of beef tea well seasoned with capsicum. Elimination by the skin, kidneys, and bowels should be carefully observed. For the latter he recommends compound cathartic pills, one or two pills as needed to keep the bowels in good condition.

Chapman recommends the following pill in chronic alcoholism:

℞ Zinci Oxidi.....1 drachm
Piperinæ.....1 scruple

M. For 20 pills. Sig.—One pill three times daily.

Delirium Tremens.

The following is recommended in the “N. E. Med. Mon.”:

℞ Tinct. Capsici.....2 drachms
Tinct. Digitalis.....2 drachms
Tinct. Nucis Vomicae.....2 drachms
Spir. Ammon. Aromat., q. s. ad 3 ounces

M. Sig.—A teaspoonful in water every four hours.

Indications—Used to stimulate and regulate weak heart.

℞ Morphinae Sulphatis 1 grain

M. For 4 powders. Sig.—One dissolved in ten minims of water every two hours hypodermically.

Indications—Used to soothe restlessness and induce sleep.

℞ Morphinae Sulphatis 1 grain
Ext. Valerianæ Fluid $\frac{1}{2}$ ounce

M. Sig.—One teaspoonful every two hours.

Indications—Used to calm delirium and induce sleep.

NO. 120.

CHILBLAINS.

FROST BITE.

The following ointment is regarded as one of the best combinations in the treatment of frost bites. It is made up according to Lassar's formula:

℞ Acidi Carbol 15 grains
Ungt. Diachyli 5 drachms
Oil Olivæ $2\frac{1}{2}$ drachms
Oil Lavendulæ 15 drops
Petrolati 5 drachms

M. Sig.—Spread the ointment on linen and apply to the affected part with a bandage over night.

The following is recommended in the "N. E. Med. Mon.," for frost bites:

℞ Liq. Plumbi Subacetatis $\frac{1}{2}$ ounce
Tinct. Opii $\frac{1}{2}$ ounce
Aquæ Dest., to make 16 ounces

M. Sig.—Keep applied freely on well-moistened soft cloth.

Indications—Used in mild cases to relieve pain.

℞ Tinct. Iodi 4 drachms

M. Sig.—Apply with brush once or twice daily.

Indications—Only to be used when skin is unbroken.

No. 121.

HÆMATEMESIS.

VOMITING OF BLOOD.

TREATMENT:

Robin recommends the following in hemorrhage of the stomach:

℞ Tartaric Acid.....1-2 drachms
 Powd. Opium.....4 grains
 Calcined Magnesia.....24 grains

M. For 12 powders. Sig.— One powder before each meal.

Or:

℞ Picrotoxine..... $\frac{1}{2}$ grain
 Morphine..... $\frac{1}{2}$ grain
 Atropine Sulphate..... $\frac{1}{8}$ grain
 Ergot.....20 grains
 Cherry Laurel Water.....3 drachms

M. Sig.— Five or ten drops before each meal.

No. 122.

SCORBUTUS.

SCURVY.

A disease characterized by heaviness, dejection of spirits, bloated countenance, livid spots on the skin, offensive breath, spongy gums, with occasional hemorrhage from the mouth and nostrils, swelling of the legs, etc.

TREATMENT:

The following is recommended for scurvy in the “N. E. Med. Mon.”:

℞ Tinct. Myrrhæ.....1 drachm
 Tinct. Benzoin Comp.....1 drachm
 Listerine, to make.....4 ounces

M. Sig.— Teaspoonful in half glass of water as mouth wash every hour or two.

℞ Ferri Arseniatis 1 grain
 Quininæ Hydrochloratis..... 48 grains
 Ext. Nucis Vomicæ..... 8 grains

M. For 24 pills. Sig.—One pill after each meal.

Indications—Used during convalescence in scurvy. The diet should consist largely of fresh vegetables, fruit, and rare meats.

NO. 123.

LOCAL ANÆSTHESIA.

TREATMENT:

The Schleich solution for local anæsthesia, which now has an extensive use, is composed as follows :

℞ Morphine Sulphate..... $\frac{1}{2}$ grain
 Cocaine Hydrochlor..... 1 grain
 Sodium Chloride..... 2 grains
 Aquæ..... 2 ounces

M. Sig.—The solution is first injected into the cellular tissue, and afterwards upon making an incision, if pain occur, the wound is bathed with the solution by means of sterilized absorbent cotton wound upon a piece of wood.

The strength of the solution may be increased for hypersensitive patients if it is deemed necessary.

The Schleich solution for general anæsthesia is made up of:

℞ Sulphuric Ether..... grams. 500
 Petrolie Ether..... grams. 125
 Chloroform..... grams. 125

While this mixture is largely used in the hospitals of Vienna it is not generally regarded as possessing special advantages over ether or chloroform used alone.

No. 124.

INTESTINAL COLIC.

Barbour says the following prescriptions were used by the late Dr. Larriabee for the treatment of intestinal colic :

℞ Spir. Ammonii Aromat.....6 minims
Sodii Bicarb.....12 grains
Syr. Rhei Aromat.....1 drachm
Aquæ Cari.....1½ ounces

M. Sig.—Teaspoonful as required.

Or the following :

℞ Tinct. Asafœtidæ.....15 minims
Oil Cajuputi.....2 drops
Magnes Carbonat.....½ drachm
Syr. Acaciæ.....½ ounce
Aquæ Anisi.....1½ ounces

M. Sig.—Teaspoonful as required.

The following is recommended in “Med. Fort.” for intestinal colic :

℞ Spir. Ætheris Comp.....½ drachm
Spir. Chloroformi.....½ drachm
Spir. Ammon. Aromat.....½ drachm
Spir. Lavand. Comp.....½ drachm
Elix. Lactopeptine.....1 ounce

M. Sig.—One teaspoonful every half hour until relieved.

No. 125.

PARALYSIS AGITANS.

Paralysis Agitans, the “shaking palsy.” A disease of advanced life, progressive in its course, and characterized mainly by tremors of the limbs, rigidity of muscles, and a tendency in walking to loss of equilibrium.

The following treatment is recommended for shaking palsy in the "N. E. Med. Mon.":

℞ Hyoscinæ Hydrobromatis..... $\frac{1}{2}$ grain
Ext. Cannabis Indicæ.....24 grains

M. For 100 capsules. Sig.—One or two capsules once or twice daily.

Indications—Used to quiet tremor or induce sleep.

℞ Ext. Cannabis Indicæ.....6 grains
Ext. Gelsemii.....4 grains
Zinci. Valerianatis.....24 grains
Ext. Conii.....4 grains

M. For 24 pills. Sig.—One to two pills three times a day.

NO. 126.

HÆMATURESIS.

BLOODY URINE.

A disease in which blood is discharged with urine.

TREATMENT :

Levi asserts that tincture of guaiacum is a valuable remedy in hæmaturia. He gives it in doses of $\frac{1}{2}$ to 1 drachm in milk every four hours.

The following formulæ are recommended for hæmaturia in the "N. E. Med. Mon.":

℞ Aluminis.....4 drachms
Aquæ, to make.....8 ounces

M. Sig.—Two tablespoonfuls in pint of water as irrigation for bladder.

Indications—Used in severe hemorrhage from bladder. To be employed after washing out with tepid water.

℞ Tinct. Cantharidis.....1 drachm
Ext. Cannabis Indicæ.....3 drachms

M. Sig.—Four drops in milk three times a day.

Indications—Used in renal hemorrhage of acute nephritis. Not to be employed before the fifth day of the disease.

No. 127.

TETANUS.

LOCK-JAW.

O'Neal states that in lock-jaw the patient should be kept in a dark room, where all is quiet, and allow no visitors; give morphine and atropine hypodermically, alteratives and sedatives in combination in large doses. Watch the case. Give chloroform to relieve spasms.

According to the "Independance Medicale," the following formula has been highly extolled as injections in lock-jaw and to combat prolonged and persistent attacks of epilepsy :

℞ Monobromide of Camphor.....45 grains
Sterilized Oil.....900 minims

M. Sig.— From thirty to forty-five drops for an injection.

The following is recommended in the "N. E. Med. Mon.":

℞ Pilocarpinæ Hydrochloratis.....1 grain
Aquæ.....1 drachm

M. Sig.— Ten drops hypodermically and repeat at intervals of twenty minutes, until profuse sweating, or until three doses have been administered.

Indications — Used to eliminate poison. Patient must be stimulated with alcohol, nutrition kept up by administering concentrated predigested foods; also have floor heavily carpeted, the room darkened, and cotton stuffed in the ears to keep out noises.

℞ Physostigminæ Salicylatis..... $\frac{1}{8}$ grain
Aquæ.....120 minims

M. Sig.— Ten drops hypodermically, and repeat at intervals of one, two, or three hours, until manifestation of full physiological effect.

No. 128.

AMAUROSIS AND AMBLYOPIA.

Impaired vision from defective sensation of the retina (the organ of visual perception, the most internal membrane of the eye, being an expansion of the optic nerve); incomplete amaurosis, or the weakness of sight attending certain stages and forms of this disorder.

TREATMENT :

℞ Pilocarpinæ Hydrochloratis.....1 grain
 Sacchari Lactis.....1½ drachms
 Alcohol, q. s.

M. For 10 triturated tablets. Sig.—One tablet every three hours.

Indications—Used in uræmic and rheumatic amaurosis and amblyopia.

℞ Aloin 6 grains
 Ferri Sulphatis Exsiccati.....12 grains
 Asafœtidæ.....12 grains

M. For 24 pills. Sig.—One pill after each meal.

Indications—Used when due to anemia.

No. 129.

PEDICULOSIS CAPITIS.

HEAD-LICE.

The simplest and most effective way of getting rid of both lice and nits is to shave the head and scrub it with soap and water. When for reasons of age or sex it is desirable to preserve the hair, it can be powdered with powdered pyrethrum, staphisagria, or sulphur, which will kill the lice. Nits and lice are both destroyed by

hot vinegar or camphorated alcohol, or the following solution, which is highly recommended:

℞ Bichloride of Mercury 1 part
Vinegar 300 parts

M. Sig.—Apply to the affected parts.

Another formula is that of Descroizelle:

℞ Tinct. Pyrethri 1 ounce
Tinct. Rosmarini $\frac{1}{4}$ ounce
Tinct. Cinchonæ $\frac{1}{4}$ ounce
Spiritus 1 ounce

M. Sig.—Apply locally.

An alcohol solution of naphtha is also said to be very effective. Kerosene and the tincture of delphinium are old stand-bys, but the former is objectionable on account of its odor and greasiness, and the latter on account of its expensiveness.

No. 130.

MYELITIS.

INFLAMMATION OF THE SPINAL MARROW.

It occurs in early adult life, chiefly in males. The predisposing causes are occupations necessitating exposure, and muscular strain. The exciting causes are injuries of all kinds to the cord, muscular strain, exposure to cold, alcoholism, and syphilis.

SYMPTOMS:

At first the feet and legs feel heavy, weak, and numb, occasionally with some pain in the back. Walking soon becomes difficult, and the legs begin to feel stiff. The arms are also paralyzed, sometimes before the legs, if the lesion is in the cervical (neck) cord. Very early there is retention of urine and constipation. At the

height of the disease the patient is unable to walk or stand.

TREATMENT :

℞ Hydrarg. Chlor. Corrosiv..... 1 grain
 Potass. Iodid..... 4 drachms
 Syr. Sarsaparillæ Comp..... 2 ounces
 Aquæ, to make..... 6 ounces

M. Sig.—One teaspoonful to be increased to two teaspoonfuls in water after meals.

Indications—Used in syphilitic subjects.

℞ Potass. Iodid..... 1 ounce
 Aquæ Bull..... 1 ounce

M. Sig.—Ten drops in milk three times a day and increase until physiological effects are manifested.

Indications—Used in myelitis resulting from syphilis or metallic poison.

℞ Antipyrin..... 1 drachm

M. For 12 compressed tablets. Sig.—One to two tablets for relief of pain.

Indications—Used to relieve severe lancinating pain.
 — N. E. MED. MON.

NO. 131.

SHOCK.

℞ Tinct. Digitalis..... $\frac{1}{2}$ ounce

M. Sig.—Five to ten drops hypodermically as required.

General Directions.

In this dangerous condition if patient can take medicine by the mouth they should be taken hot and concentrated, but in collapse hypodermic or rectal injections must be resorted to. The quantities of powerful stimulants administered, and the frequency with which

they are to be repeated can only be measured by effect, and not by grains or minims. Stimulants, such as aromatic spirit of ammonia, whiskey, camphor, compound spirit of ether, digitalis, atropine, strychnine, strophanthus, extract of suprarenal gland, etc., should be administered singly or combined. The head should be lowered, and in severe cases limbs bandaged and elevated. Hot water bottles or bags should surround the body, which should be well covered with blankets. Injection of hot water into the rectum and the hot pack are also valuable means of applying heat in urgent cases. Inhalation of oxygen as well as artificial respiration are valuable adjuncts. In profound shock from hemorrhage, transfusion should be resorted to.

NO. 132.

OXALURIA.

A condition in which the urine shows the presence of a quantity of oxalate of lime.

R	Acid Hydrochlor. Dil.....	$\frac{1}{2}$ ounce
	Tinct. Ferri Chlor.....	1 ounce
	Syr. Simp.....	$2\frac{1}{2}$ ounces
	Aquæ.....	3 ounces

M. Sig.—Tablespoonful three times a day through a glass tube.

Indications—Used in oxaluria with anemia and nervous atony.—MED. REC.

NO. 133.

LEUCOCYTHÆMIA.

A chronic disease in which the blood becomes pale, or an increase in the number of pale corpuscles.

TREATMENT:

The following recipes are recommended for leucocythæmia in the "N. E. Med. Mon.":

℞ Liq. Potass. Arsenitis.....1 ounce

M. Sig.—One drop in water after each meal and increase until physiological limit is reached, then reduce dose and continue for a long time.

℞ Acidi Arseniosi.....2 grains
Quininæ Hydrochlor.....48 grains
Mass. Ferri Carbonatis..... 3 drachms

M. For 68 pills. Sig.—One pill after meals.

In many cases red-bone marrow in daily quantities of three or four ounces has been found valuable.

℞ Ext. Glandulæ Suprarenalis.....2 drachms

M. For 24 capsules. Sig.—One capsule two hours after each meal.

NO. 134.

SNAKE BITE.

According to Henning, the safest and best treatment is to give good whiskey until its influence is felt, then give the following:

℞ Ext. Jaborandi.....1 ounce
Ext. Gelsemii.....1 drachm
Glycerin.....1 ounce
Aquæ, to make.....4 ounces

M. Sig.—One teaspoonful every hour until sweating commences, then less often.

He has been using the jaborandi in a number of cases, and he thinks it is a better, safer, and speedier antidote to snake poison than whiskey. Jaborandi is a better specific than whiskey, but it is best to use both. His authority for using jaborandi is Dr. Yarrow, curator of reptiles in the National Museum at Washington.

No. 135.

BLACKHEADS.

COMEDONES ; ACNE VULGARIS.

A term applied to the minute worm-like appearances on the face and neck, when the skin is squeezed. They are simply the contents of the sebaceous follicles.

TREATMENT :

According to Dr. Alger the choice of a local application in the treatment of blackheads depends largely upon the condition present. Where blackheads are numerous and but few pustules are present the following is recommended by him :

℞ Hydrarg. Chlorid..... 2 grains
Resorcin..... $1\frac{1}{2}$ drachms
Aq. Rose, to make..... 4 ounces

M. Sig.—Apply to the face several times daily.

The above should be applied often enough to cause exfoliation (scaling) of the epidermis (covering of skin), without producing inflammation of the true skin to any extent.

In cases where pustulation is the important feature for treatment, he regards sulphur as far more useful than resorcin. He, under such circumstances, advises the following, the strength of which may be varied to suit the conditions of each individual case :

℞ Sodii Hyposulph..... 4 drachms
Sulphuris..... 1 drachm
Aq. Rose..... 4 ounces

M. Sig.—Apply to the face as often as desired.

Caution is given not to use the bichloride and the sulphur at the same time. He further states that individual lesions (pimples) can often be aborted by passing into follicle a blunted needle dipped in carbolic acid, or by painting with pure ichthyol on retiring. If after

this treatment the skin remains rough and dry the following should be applied :

- R_x Resorcin.....20 grains
 Oil Theobrom.....1 ounce
 M. Sig.—Apply to face at night.

No. 136.

DEEP-SEATED INFLAMMATION.

TREATMENT :

Dr. Slevén states that after experimenting with different formulæ he at last obtained one which, if properly used, will relieve deep-seated as well as superficial inflammations. The formula is as follows :

- R_x Ichthyol.....22½ grains
 Lead Iodide.....22½ grains
 Ammonium Chloride.....10 grains
 Petrolatum, to make.....1 ounce
 M. Sig.—Apply by rubbing it on the inflamed parts three or four times daily.

The substitution of glycerin, rose ointment, or cacao-butter does not alter its efficiency.

No. 137.

PITYRIASIS OF FACE AND EYEBROWS.

A skin disease in which irregular patches of small thin scales repeatedly form and separate, unattended with inflammation, and never collecting into crusts.

The following is recommended in treatment of this affection as noted by the "N. Y. Med. Jour." :

- R_x Lithii Benzoatis.....15 grains
 Tinct. Benzoini.....¼ drachm
 Glycerini.....¼ drachm
 Tinct. Eucalypti.....1 drachm
 Aq. Rosæ.....1 ounce
 M. Lotion. Sig.—Apply to affected parts night and morning.

Concher recommends the following general and local treatment for simple pityriasis. The aim of the general treatment is to assure a good condition of the digestive tract. The patient is put on a special diet, which excludes all easily fermenting foods. Strychnine and hydrochloric acid are used, with the following formula to combat constipation:

℞ Fl. Ext. Cascara Sagrada gram. 25
Glycerin gram. 25

M. Sig.—A coffeespoonful in the middle of the evening meal.

The local treatment consists in the use of a cleansing lotion with an ointment of sulphur or mercury. These two drugs must not be used together, as their combination forms a black mass.

No. 138.

APOPLEXY.

A disease produced by congestion or rupture of the blood-vessels of the brain, and causing a sudden arrest of sense and motion, the person lying as if asleep, breathing and the heart's action continuing. Loss of consciousness, of sensation, and of voluntary motion coming on more or less suddenly, and due to a morbid state of the brain. This condition of coma is termed "apoplectic" when of sudden or rapid onset.

The following is recommended for the treatment of apoplexy in the "N. E. Med. Mon.":

℞ Strychninæ Sulphatis 1 grain
Sacchari Lactis,
Alcohol, equal parts, q. s.

M. For 30 triturated tablets. Sig.—One tablet three times a day, to be increased to one tablet four or five times a day.

℞ Tinct. Aconiti 2 drachms

M. Sig.—Five drops in water at once and one drop every half to one hour.

Indications—Used to lower blood pressure, but only to be employed when not possible to bleed.

℞ Oil Tiglii $\frac{1}{2}$ drachm

M. Sig.—Two drops in twenty drops of olive oil on the tongue.

Indications—Only to be employed soon after an attack as a powerful, rapidly acting purge. Head should be raised and ice-bag applied.

Or:

℞ Triturations Elaterini 2 grains
Hydrarg. Chlor. Mit 10 grains

M. For 2 powders. Sig.—One powder on tongue and repeat in an hour if desired to purge freely.

Indications—As a quickly acting and powerful purge. Ice to head which should be elevated.

NO. 139.

YELLOW FEVER.

A disease commonly known in Spanish America as El Vómito, referring to the so-called “black vomit,” an almost invariable attendant of the disease when severe. A dangerous pestilential fever of a special type, highly contagious under certain conditions, originally developed in tropical America, whence it is sometimes called the American Plague (Pes'tis America'na). The conditions most favorable to its development and spread are great heat, imperfect ventilation, accumulations of decaying vegetable matter, and the heated and confined air of cities.

The onset of the disease is usually characterized by rigors, violent headache, pain in back and limbs, and a rapid rise in temperature, with nausea and vomiting. In severe cases but little can be done in the way of treatment. Free ventilation is important; at the same time,

sudden changes of temperature should be carefully guarded against. During the hot stage, sponging the surface with ice-water, and free injections of ice-cold water into the rectum, may be beneficial. The food should be light and nutritious. Beef-tea, chicken-broth, rice-gruel, barley-water, and milk and lime-water iced are among the best forms of nourishment.

The following treatments are recommended :

- ℞ Pilocarpinæ Murat.....3 grains
Aq. Dest, Fl.....2 drachms
M. Sig.—Ten minims hypodermically.—SMITH.
- ℞ Hydrarg. Chlor. Mit.....5 grains
Pulv. Jalapæ.....5 grains
M. Sig.—One dose. Use at the onset of the disease.—RUSH.

No. 140.

IVY POISONING.

For the treatment of ivy poison Brown recommends the following :

- ℞ Ichthyol.....50.0
Aquæ.....100.0
M. Sig.—Apply to the affected parts.

Or :

- ℞ Bromini.....15 grains
Oil Olivæ.....1 ounce
M. Sig.—Apply to the parts several times daily.

Dr. Grindon uses the following formula :

- ℞ Acidi Carbolici.....1 drachm
Glycerini.....2 drachms
Zinci Oxidi.....2 drachms
Liq. Calcis, to make.....1 pint
M. Sig.—Apply freely three or four times daily.

Hardaway uses :

- ℞ Zinci Sulphatis.....1 drachm
Aquæ, to make.....2 ounces
M. Sig.—Apply freely to affected parts.

No. 141.

ANEURISM.

Enlargement or dilation of the heart.

TREATMENT :

Recommended in "N. E. Med. Mon.," for aneurism :

R̄ Potassii Iodidi.....2 drachms
 Sodii Salicylat.....2 drachms
 Syr. Sarsaparillæ Comp.....2 ounces
 Aq. Menth. Virid., to make.....4 ounces

M. Sig.—One to two teaspoonfuls in water after meals.

Indications—Used in rheumatic subjects.

R̄ Potassii Iodidi.....4 drachms
 Ess. Pepsini, to make.....6 ounces

M. Sig.—One teaspoonful in water after meals and increase to two teaspoonfuls.

Indications—Used in cases with history of syphilis, lead poisoning, or rheumatism. Lying down, and milk diet should be advised.

R̄ Morphinæ Sulphatis.....1½ grains
 Chloralis.....1 drachm
 Mucilaginis Acaciæ, Fl.....2 ounces
 Syr., to make, Fl.....3 ounces

M. Sig.—Two teaspoonfuls in half a glass of water at bed-time.

Indications—For pain and sleeplessness due to aneurism.

No. 142.

MALARIA.

A term applied to a disease caused by a poison generated in low marshy districts.

In the treatment of malarial diseases, which mostly take the form of fevers, the physician should endeavor, when it is practicable, to have the patient removed from the infected district to a region where the air is pure.

TREATMENT :

Dr. Dunn states that there is no remedy equal to methylene blue in cutting short malarial fever. He prescribes it as follows :

R̄ Methylene Blue.....25 grains
 Quininæ Sulph.....25 grains
 Ferri Carbonatis.....25 grains
 Acidi Arseniosi..... $\frac{1}{2}$ grain

M. For 25 capsules. Sig.—One capsule every three hours.

Regnaut states that he successfully treats malarial attacks with the following :

R̄ Tinct. Iodi..... $\frac{1}{2}$ drachm
 Pot. Iodidi..... $\frac{1}{2}$ drachm
 Aq. Dest.....3 ounces

M. Sig.—Take one teaspoonful at the beginning of the attack and repeat if necessary in twenty minutes. In the cases of irregular malarial fever, it is to be considered, according to the author, as a substitute for quinine.

In chronic splenic enlargement due to malaria Dr. Williams recommends the following formula :

R̄ Methylene Blue, medicinal.....20 grains
 Arsenic Iodide..... $\frac{1}{2}$ grain
 Mercury Iodide..... $\frac{2}{3}$ grain
 Iron Iodide..... $1\frac{2}{3}$ grains
 Strychnine Sulphate..... $\frac{1}{3}$ grain

M. For 20 capsules. Sig.—One after each meal.

It is inadvisable to discontinue the capsules at once, because there occurs a reaction which weakens the patient.

In ordinary cases of malaria he administers the following combination :

R̄ Methylene Blue, medicinal.....24 grains
 Aq. Cinnamon.....3 ounces

M. Sig.—One teaspoonful every two hours until chills disappear, and after that he gives the following, which has stood him in good need :

R̄ Methylene Blue, medicinal... ..1 grain
 Sol. Potass. Arsen.....40 minims
 Aq. Cinnamon.....5 ounces

M. Sig.—One teaspoonful three times a day after meals.

No. 143.

MONROE'S FORMULA FOR CONSTIPATION.

℞	Fl. Ext. Cascara Sagrada.....	$\frac{1}{2}$ ounce
	Glycerini.....	$\frac{1}{2}$ ounce
	Tinct. Gaultheria.....	$\frac{1}{3}$ drachm
	Tinct. Cinnamon.....	$\frac{1}{3}$ drachm
	Tinct. Lemon.....	$\frac{1}{3}$ drachm

M. Sig.— One teaspoonful sufficiently often to keep the bowels regular. Generally one dose two or three times a week is sufficient.

Cathartic Lemonade.

℞	Sodii Phosphatis.....	6 $\frac{1}{2}$ drachms
	Spir. Limonis.....	20 minims
	Syr. Simplicis.....	2 drachms
	Aquæ, to make.....	10 ounces

M. Sig.— Take at a dose.

Prof. Shaw states that we should try the methods of habit, eating green vegetables, fruit, especially apples, and by using effort, before having recourse to drugs. The steady use of purgatives shortens life. This is felt, when, after the bowel becomes accustomed to the drug, it refuses to respond, and chronic constipation results. This may mean 10 years off the life of an ordinary healthy man.

No. 144.

HERPES GENITALIS.

PRIVATES.

A skin disease of the privates in which little itchy vesicles increase, spread, and cluster together, terminating in scales.

In the treatment of this affection Dr. Robinson states that caustics should never be used, as grave ulcerations may follow their use. He employs the simplest antiseptic

washes and observes cleanliness by bathing the parts with a warm boric acid solution twice daily and dusting afterward with the following:

R̄ Euopheni $\frac{1}{2}$ ounce
 Acid Boric $\frac{1}{2}$ ounce

M. Sig.—Use freely as a dusting powder.

Euhring recommends the following:

R̄ Zinci Sulphatis $\frac{1}{4}$ drachm
 Potassii Sulphidi $\frac{1}{4}$ drachm
 Spir. Vini Rectificati 1 drachm
 Aquæ 8 drachms

M. Sig.—Shake and apply freely two or three times daily.

No. 145.

BILIOUSNESS.

A disease characterized by sallowness, headache, dizziness, constipation, coated tongue, foul taste, etc.

The following treatments are recommended in the “N. E. Med. Mon.”:

R̄ Hydrarg. Chlor. Mit $1\frac{1}{2}$ grains
 Sodii Bicarbonatis 30 grains

M. For 10 powders. Sig.—One powder every half hour.

Indications—Used in catarrhal jaundice with constipation. To be followed by dose of salts unless free evacuation.

R̄ Resinæ Podophyllin 1 grain
 Saccharati Lactis 16 grains
 Alcohol, q. s.

M. For 10 triturated tablets. Sig.—One tablet night and morning.

Indications—Used to relieve constipation.

R̄ Sodii Phosphatis 2 ounces

M. Sig.—Tablespoonful in glass of hot water daily before breakfast.

Indications—Used in cases with frequent recurrence and accompanied by constipation and gastric (stomach) catarrh.

PAIN IN STOMACH—

If due to a disordered stomach use the following:

℞ Pulv. Ipecac.....15–20 grains

M. For 2 powders. Sig.—One powder in hot water and repeat in an hour if necessary to produce free vomiting, then eat nothing for twelve or eighteen hours, then follow by :

℞ Sodii Hyposulphatis. 6 drachms
Aquæ, to make.....6 ounces

M. Sig.—One tablespoonful before each meal.

No. 146.

ENLARGED UVULA.

PALATE.

TREATMENT:

The following is recommended by Med. Asso. .

℞ Argenti Nitratis.....10 grains
Aq. Dest.....1 ounce

M. Sig.—Apply to palate on swab night and morning.

Indications—Used in acute cases with pain.

℞ Ammonii Bromidi.....2 drachms
Aquæ, to make.....4 ounces

M. Sig.—One tablespoonful, gargle, and swallow three times a day.

Indications—Used in acute cases to reduce palate, allay irritation and cough.

℞ Aluminis Exsiccati.....1 ounce

M. Sig.—Teaspoonful in glass of water, and use as gargle every two or three hours, but not to swallow.

No. 147.

VOMITING.

TREATMENT :

The following is recommended in "Jour. A. M. A.":

R̄ Menthol.....1 grain
Sodii Bicarb.....1½ drachms

M. For 10 capsules. Sig.—One capsule three times a day.

Indications—Used in nervous vomiting without any anatomical lesion.

R̄ Aq. Creasoti.....1 ounce

M. Sig.—One teaspoonful every hour.

Indications—Used in vomiting with irritable and sour stomach.

R̄ Acid Salicylic.....30 grains
Aquæ, to make.....1 ounce

M. Sig.—One teaspoonful two hours after meals.

Indications—Used in vomiting from gastric fermentation.

No. 148.

URIC ACID DIATHESIS.

A particular habit or disposition of the body to accumulate uric acid (calculus, limestones, or chalk). A stone-like concretion in the urinary bladder, kidney, gall-bladder, or in and about the joints.

TREATMENT :

The following formulæ are recommended for this trouble in the "N. E. Med. Mon.":

R̄ Piperazini.....2 drachms

M. For 24 capsules. Sig.—Dissolve one capsule in a full glass of water and take after meals.

Indications—Used to relieve the headache, pain in joints, muscles, and back, and to relieve irritability of bladder and itching of the skin.

R̄ Acidi Nitrohydrochlor. U. S. P. 4 drachms

M. In glass-stopper bottle. Sig.—Three drops in half glass of water through glass tube after each meal.

Indications—Used in lithæmia when resulting from faulty assimilation and hepatic torpor.

R̄ Phenacetin 1 drachm
Salol 1 drachm

M. For 24 powders. Sig.—One powder three times a day.

Indications—Used to relieve headache, neuralgia, and stiffness of muscles and joints in lithæmic subjects.

No. 149.

ACUTE RHINITIS.

ACUTE COLDS.

One of the most common diseases during the months of winter and early spring is acute colds. Dr. Wood states that in treating acute colds the hygiene should receive the first attention. Any existing constipation should be remedied by :

R̄ Calomel 6 grains
Podophyllum 1 grain

M. For 12 powders. Sig.—One powder every two hours until the movements are free.

At the onset a cold can generally be prevented by taking a half to a tablespoonful of paregoric during the primary chill.

Local treatment is essential after contracting a cold. In making such local applications the nasal mucous membrane should first be slightly sprayed by a 2 per cent. solution of cocaine, a very few whiffs from an atomizer. Then the nose should be thoroughly cleansed by :

R	Borax.....	$\frac{1}{2}$ drachm
	Sodium Bicarb.....	$\frac{1}{2}$ drachm
	Acid Carbolic.....	15 grains
	Glycerin.....	1 ounce
	Aq., to make.....	4 ounces

M. Sig.—Add the above to a quart of water and then use in atomizer.

Follow the washing by an application of 2.4 per cent. cocaine solution, using a cotton application for sweeping the cocaine over the swollen turbinated bodies. Follow this by an insufflation of powdered cerate of zinc combined with menthol. The patient should be directed to use an alkaline wash in an atomizer three or four times a day. When the epithelium is being thrown off an astringent is necessary, the fluid extract of witch-hazel, diluted with water. Before applying such astringents always cocainize the nose at first and then thoroughly cleanse the cavity. If a thick, tough secretion is still formed out after several days of treatment, a stimulant astringent is needed. In such a case the following acts very well:

R	Acid Carbolic.....	18 grains
	Tinct. Iodin. Comp.....	1 drachm
	Glycerin.....	$1\frac{1}{2}$ ounces
	Aq. Dest.....	2 ounces

M. Sig.—Place in water bath of 100° until solution is colorless, being in tightly corked bottles. Filter.

Indications—Useful both in acute and chronic rhinitis.

Where there is a gouty or rheumatic tendency the general condition should be treated by salicylates, as in:

R	Sodium Salicylate.....	48 grains
	Sodium Bicarbonate.....	15 grains
	Wine Colchicum.....	30 drops

M. For 6 capsules. Sig.—One capsule three times a day after meals.

The “Archiv fur Laryngologie” recommends the fol-

lowing as being valuable in abating the symptoms and cutting short the attack :

R_x Orthoformi.....1 drachm
Sodii-Soziodol.....1 drachm

M. Sig.—A small quantity in palm of hand and insufflate nostrils several times daily until the local symptoms have subsided. In this way the local inflammation may be aborted. The sooner the treatment is begun the better.

Dr. Theisen, after cleansing the nasal passages with a weak solution of warm salt water, uses the following :

R_x Sodii Bicarb..... $7\frac{1}{2}$ grains
Sodii Bibor..... $7\frac{1}{2}$ grains
Amyli.....5 grains
Acaciæ.....1 drachm
Nosophen, to make.....1 ounce

M. Sig.—Use freely as a snuff three or four times daily.

Hallopeau employs the following :

R_x Powd. Menthol..... $3\frac{3}{4}$ grains
Powd. Betol..... $37\frac{1}{2}$ grains
Cocaine..... $7\frac{1}{2}$ grains
Powd. Roasted Coffee.....60 grains

M. Sig.—Use as a snuff three or four times daily.

To break up a cold use the following immediately after first symptoms are felt :

R_x Powd. Camphor.....10 grains
Powd. Opium..... $\frac{1}{3}$ grain
Potass. Acetate.....3 grains
Sugar.....160 grains

M. For 1 powder. Sig.—To be put in a cup of tea or hot water and taken at bed-time.—PRACTITIONER.

NO. 150.

DIURETIC.

TO INCREASE FLOW OF URINE.

TREATMENT :

Martz recommends the following :

R_x Ext. Convallariæ.....5 grains
Pulv. Convallariæ.....5 grains

M. For 10 pills. Sig.—One pill morning and night.

The following mixture is employed by Huchard as a diuretic and heart tonic :

R̄	Tinct. Grindelia.....	30 parts
	Tinct. Convallaria.....	10 parts
	Tinct. Squill.....	5 parts

M. Sig.—Fifteen drops in water three times a day.

Indications—Used in acute nephritis with cardiac weakness.

Dr. Itor states that by all means abandon the irritating diuretics in acute nephritis. He says there are very good reports as to taraxacum, and the inclination should be toward favoring it. But much to be preferred is eucalyptol; and he is disposed to consider it the one dependable diuretic—the only diuretic which is of sterling value in nephritis.

He recommends the following prescription :

R̄	Tinct. Belladonna.....	1½ drachms
	Potas. Citrate.....	1½ drachms
	Eucalyptol.....	2 drachms
	Muc. Tragacanth.....	½ drachm
	Syr. Limonis.....	½ drachm
	Aquæ.....	8 ounces

M. Sig.—Two teaspoonfuls every four hours.

For chronic nephritis he omits the other constituents and gives ten-drop doses in water three times a day.

No. 151.

MERCURIAL SALIVATION.

Bartholow prescribes the following:

R̄	Acidi Tannici.....	1 drachm
	Mel. Rosæ.....	2 ounces
	Aquæ.....	6 ounces

M. Sig.—To be used as mouth wash and gargle every two or three hours.

No. 152.

PYROSIS.

WATER-BRASH; HEART-BURN.

TREATMENT :

A disease characterized by pain in the stomach, with belching of a watery, insipid fluid.

R̄ Sodii Hyposulphatis.....4 drachms
Aq. Chloroformi, to make.....8 ounces

M. Sig.—One tablespoonful after each meal.

Indications—Used in butyric and lactic acid fermentation (greasy and sour).

R̄ Bismuth Subcarbonatis.....4 drachms
Tinct. Hyoscyami.....4 drachms
Aq. Camphoræ, to make.....3 ounces

M. Sig.—Shake. One teaspoonful an hour before each meal.

Indications—Used in pyrosis with excessive secretion of hydrochloric acid (sour stomach).

R̄ Argenti Nitratis.....4 grains
Ext. Hyoscyami.....2 grains
Pulv. Camphoræ.....6 grains

M. For 24 pills. Sig.—One pill an hour before meals.

Indications—Used in heart-burn with sour stomach.

No. 153.

EPISTAXIS.

BLEEDING AT THE NOSE.

The best remedy, according to the “Med. and Surgical,” for bleeding at the nose is in the vigorous working of the jaws, as if in the act of chewing. In the case of a child, a wad of paper should be placed in its mouth and requested to chew it hard. It is the motion of the jaws that stops the flow of the blood. The remedy is so very

simple that many will feel inclined to laugh at it, but it has never been known to fail in a single instance, even in the severest cases.

In habitual bleeding at the nose, without regard to cause, the frequency of the attacks, or their severity, Woodward says ammonium carbonate is a specific. Two grains every ten minutes will stop the flow quickly during the attack. To correct the tendency and overcome the habit, two grains should be given from three to six times each day for a week or so. He has depended upon it for twenty-five years without a single failure, and obtained the suggestion from a physician who had used it for nearly as many years before him.

In nose-bleed from any cause Cheveallier recommends injections of gelatinized serum prepared as follows:

℞ Sodii Chloridi.....2 drachms
Aq. Dest.....2 pints

M. To this solution add gelatin in proportion of 10 parts to the 100 and sterilize. This becomes solid when cooled, but can be warmed in a water bath when needed.

As an astringent powder he recommends the following:

℞ Acid Borici..... $37\frac{1}{2}$ grains
Pulv. Sacchari..... $37\frac{1}{2}$ grains
Antipyrin $7\frac{1}{2}$ grains
Acid Tannici..... $7\frac{1}{2}$ grains

M. Sig.—To be blown upon the bleeding surface.

If it is not then checked, packing the nostril will have to be resorted to.

No. 154.

OBESITY.

CORPULENCE; FATNESS, OR OVERFAT.

The "Dietic and Hygienic Gazette" lays down the following rules for the obese or those having a tendency to accumulate fat:

1. Never eat a mouthful more food than the system actually requires.

2. To use every effort to accumulate the nutritive changes required to transform food into normal, living tissues.

3. To maintain the function of elimination (to expel effete matter by bowels, kidneys, and perspiring) at the highest possible point.

Under rule 1, the selection of a nourishing but not naturally fat-forming dietary is essential. Those who have a marked tendency to obesity will, to a certain extent, transform almost any form of food into fat; but they should rigidly exclude all the decidedly fat-forming items from their daily regimen.

Under rule 2, they should persistently cultivate the art of breathing. Most of them have small lungs. Practise will enlarge them, the systematic exercise will make them doubly efficient. Every form of vigorous exercise, especially one that calls for the continuous and active use of the arms, abdominal and chest muscles, will enhance the breathing function and enlarge its capacity. Every increment (increase, growth) in this direction will fortify them against their distressful infirmity and help them overcome it.

No. 155.

PHTHISICAL COUGH.

Recommended in the "N. E. Med. Mon.":

℞	Dionin.....	12 grains
	Ext. Cannabis Indica.....	6 grains
	Ext. Belladonna.....	3 grains
	Ext. Licorice.....	24 grains

M. For 24 pills. Sig.— Take one or two at bed-time.

No. 156.

LINIMENTS.

TREATMENT :

Liniments are less used than formerly. Their value probably does not consist in the properties of the ingredients they contain so much as in the vigor of the rubbing or massage of the parts to which they are applied. The effects are purely local. In the application of liniments mistakes are often made by saturating the bandage with the liniment containing one of the volatile preparations, thus producing a large blister or possibly sloughing. Following are a few of the favorite formulæ :

R Oil Gaultheria..... $\frac{1}{2}$ ounce
 Tinct. Capsicum..... $\frac{1}{2}$ ounce
 Alcohol, Fl.....2 ounces
 Liniment, Soap, to make.....6 ounces

M. Sig.—Liniment. Apply by vigorous rubbing.

R Tinct. Aconite..... $\frac{1}{2}$ ounce
 Tinct. Arnica..... $\frac{1}{2}$ ounce
 Aq. Ammonia..... $\frac{1}{2}$ ounce
 Lin. Chloroform, to make.....6 ounces

M. Sig.—Liniment. Apply by vigorous rubbing.

Kuehl's formula :

R Menthol.....15 grains
 Spir. Chloroform.....1 drachm
 Spir. Camphor..... $2\frac{1}{2}$ drachms
 Spir. Saponis.....1 ounce
 Oil Gaultheria..... $\frac{1}{2}$ drachm

M. Sig.—Liniment. Apply by vigorous rubbing.

No. 157.

FOREIGN BODY IN THE EAR.

Almost any object can be removed by syringing the ear. A strong piston syringe is often required, but a high grade bulb syringe may answer. In obstinate cases put the canal on a stretch by pulling ear firmly upward and outward while the stream is being forcibly injected.

No. 158.

CHAPPED LIPS.

A prominent authority highly praises the following for chapped lips:

R̄ Tinct. Benzoini Comp.....2 drachms
Glycerini.....6 drachms

M. Sig.—Apply to the lips three or four times a day with a camel's hair pencil.

No. 159.

FURUNCLE IN THE EAR.

A BOIL OR INFLAMMATORY TUMOR.

Furuncles in the ear passage give rise as a rule to excruciating pain and earache. The "Medical Record" publishes the following for local use under such circumstances:

R̄ Zinci Oxidi.....1 drachm
Acidi Carbolici.....10 grains
Vasilini Albi.....1 ounce

M. Ointment. Sig.—Insert a round wad of cotton-wool, covered with the ointment, into the ear.

This wad should be large enough to produce considerable pressure. The greater the swelling, the greater should be the pressure made by the wad. The pain is at first severe, but disappears after a few moments; if not, remove the wad and insert a smaller one. Before inserting wads, use antiseptic douche and repeat daily.

No. 160.

CHOREA.

ST. VITUS' DANCE.

A convulsive disease, characterized by irregular and involuntary movements of the limbs.

The following combination containing antipyrin is recommended in the treatment of chorea in "Jour. Amer. Med. Asso.":

℞ Sodii Bromidi..... $\frac{1}{2}$ drachm
 Potassii Bromidi..... $\frac{1}{2}$ drachm
 Antipyrin 30 grains
 Aq. Ment. Pip., to make.....1 ounce

M. Sig.—One teaspoonful three or four times a day according to the age.

As a heart stimulant alternating with the above:

℞ Tinct. Adonis Vernalis.....1–3 drachms
 Elix. Simplicis.....1 ounce

M. Sig.—One teaspoonful three or four times a day according to the age.

The following is recommended in the "N. E. Med. Mon." for St. Vitus' Dance:

℞ Liq. Potassii Arsenitis.....1 ounce

M. Sig.—One drop in water three times a day, and gradually increase until puffiness of eyes, abdominal pain, or slight looseness of the bowels, then reduce the dose one-half and continue until all symptoms of the disease disappear.

Indications—Used in chorea with anemia of childhood. If restlessness prevents sleep, give hot pack at night.

℞ Ext. Cimicifugæ 1 ounce

M. Sig.—Ten to fifteen drops in water three times a day.

Indications—Used in conjunction with the arsenic solution. Particularly valuable when associated with rheumatism.

℞ Sodii Salicylatis.... 2 drachms
 Potassii Iodidi.....1 drachm
 Pepsini (Scale) 2 drachms
 Sarsaparillæ Comp.....1 ounce
 Aquæ, to make.....3 ounces

M. Sig.—Teaspoonful in water three times a day.

Indications—Used in chorea in rheumatic subjects.

No. 161.

PRICKLY HEAT.

An eruption of minute pimples which cover the skin more or less extensively and are attended with burning heat and a tormenting prickly itching. It occurs mostly in hot climates, and attacks those who are unaccustomed to extreme heat.

The following is recommended for prickly heat :

℞	Zinci Carbonat Præcip.....	4 drachms
	Zinci Oxidi.....	1 drachm
	Glycerinæ.....	1 drachm
	Aq. Rosæ.....	8 ounces

M. Sig.—Apply to affected parts as required.

To AVOID “PRICKLY HEAT”—

Not a few people are distressed during the hot months with prickly heat. This is caused by the perspiration, which can not readily evaporate and thus produces the irritation.

Avoid alcohol and alkaline washes. Once a day, perhaps, the irritated parts should be gently bathed, then dried thoroughly, and afterwards anointed with cocoanut oil. It is absorbed readily and should be applied with the hand. It is not greasy and will not soil the clothing unless an excessive quantity is used.

No. 162.

ANOREXIA IN OLD AND DEBILITATED SUBJECTS.

LOSS OF APPETITE.

Dr. Greene states that he has had most excellent results in restoring the loss of appetite in old, debilitated subjects with the following preparation:

R	Powd. Capsicum.....	20 grains
	Quinine Sulph.....	$\frac{1}{2}$ drachm
	Sodium Bicarb.....	1 drachm
	Ext. Nucis Vomicae.....	$1\frac{1}{2}$ grains

M. For 18 capsules. Sig.—One immediately after each meal, three times a day.

No. 163.

ACUTE ALBUMINARY AFTER SCARLET FEVER.

A peculiar constituent principle, which, under certain conditions, is found in the urine, and which is essentially the same in character as the white of an egg.

The following is recommended by D. Maier in the "Post Graduate":

R	Pilocarpinae Hydrochlor.....	1 grain
	Infusi. Digitalis.....	3 ounces

M. Sig.—One teaspoonful every three hours.

He also recommends that a hot bath be given daily and a diet consisting of milk and ice cream.

To promote elimination by the bowels give the following:

R	Hydrarg. Chlor. Mit.....	$2\frac{1}{2}$ grains
	Pulv. Jalapæ.....	$4\frac{1}{2}$ grains

M. For 1 powder. Sig.—One such to be taken twice a week.

No. 164.

SOME APPLICATIONS OF HOT WATER.

Headache almost always yields to the simultaneous application of hot water to the feet and back of the neck.

A towel folded, dipped in hot water, wrung out rapidly and applied to the stomach acts like magic in cases of colic.

There is nothing that so promptly cuts short congestion of the lungs, sore throat, or rheumatism, or relieves pain from bruises or sprains as hot water when applied promptly and thoroughly.

No. 165.

TO CONTROL HEMORRHAGE.

The following combination has been employed to control hemorrhage from any cause:

R	Tinct. Hydrastis.....	1½	drachms
	Tinct. Viburni.....	1½	drachms
	Tinct. Hamamelidis.....	3	drachms
	Tinct. Castaneæ (Chestnut).....	3	drachms

M. Sig.—Take ten to twenty drops before each meal in sweetened water.—JOUR. AMER. MED. ASSO.

No. 166.

HYDROCEPHALUS.

DROPSY OF THE BRAIN.

Monti recommends the following in the treatment of hydrocephalus:

R	Sodii Iodidi.....	2.0–4.0
	Aquæ Dest.....	90.0
	Tinct. Valerian.....	gtt. 20
	Syr. Simplicis.....	10.0

M. Sig.—One tablespoonful every two hours.

No. 167.

WHITLOWS.

FELON.

The following treatment has been recommended for the treatment of felon in the "Jour. Amer. Med. Asso.":

The felon should first be incised deeply and aseptic gauze saturated in the following solution introduced into the open wound as deeply as possible, over which a compress of a solution of plumbi acetate is applied:

R	Iodi (Pure).....	2½ drachms
	Tinct. Iodi.....	½ drachm
	Tinct. Rhatany.....	½ drachm
	Pot. Iodidi.....	½ drachm
	Glycerini.....	1 ounce

M. Sig.—For external use as indicated above.

It is stated that this treatment will cause suppuration to cease immediately and healing of the wound in a very few days.

No. 168.

REMOVAL OF WARTS.

A practical druggist recommends the following for the removal of warts:

R	Sulphur	2 drachms
	Glycerin.....	5 drachms
	Glacial Acetic Acid.....	1 drachm

M. Sig.—Shake. Apply to the warts daily.

The application is made with a splinter or camel's hair pencil. The warts dwindle and dry gradually, and finally drop off.

No. 169.

WOUNDS.

Banker states that unless you suspect that the wound is not aseptic let it alone, for blood is a better antiseptic than water, or blood diluted. Remove the clots and secure all bleeding vessels before closing the wound. For oozing apply hot lint or cotton mops wrung out of

sterilized water and maintain pressure for a few moments.

For an impervious dressing for slight wounds use the following:

℞ Collodii Flexilis.....1 ounce
M. Sig.—Apply to wound.

℞ Europheni.....2 drachms
M. Sig.—Use as a dusting powder.

Either acetanilid or iodoform make excellent dusting powder for wounds.

SUPPURATING WOUNDS.—Schwarz recommends the following as a local application in suppurating wounds:

℞ Pulv. Iodoform.....20 grains
Salol 20 grains
Bismuth Sub-nit 20 grains
Pulv. Charcoal 20 grains
Pulv. Cinchonæ 20 grains
Pulv. Benzoin.....20 grains

M. Sig.—Apply locally once daily as a dusting powder.

The following antiseptic solutions are recommended for cleansing wounds in the “N. E. Med. Mon.”:

℞ Formaldehyde (40 per cent. sol.).....1 ounce

M. Sig.—Ten drops in a pint of water and use as a wash. This solution is much too strong to be used about the eyes.

℞ Hydrarg. Chloridi Corrosiv.....7 grains
Ammonii Chloridi.....10 grains
Aquæ Dest, Fl.....16 ounces

M. Sig.—Used as an antiseptic wash and to moisten dressings.

Indications—Used before and after surgical operations and accidental wounds. Punctured wounds should be incised, irrigated with solution, and drained according to antiseptic principles.

℞ Hydrarg. Chloridi Corrosiv.....3 drachms
Ammonii Chloridi.....6 drachms
Methylene Blue.....12 grains

M. For 24 compressed tablets. Sig.—(Poison.) Dissolve one tablet in a pint of water to make 1–1000, and use as wash for wounds and to moisten dressings.

No. 170.

BOILS.

TREATMENT:

Of undoubted value are remedies which improve the general condition, such as iron, arsenic, hypophosphites, and syrup of hypophosphites. The urine should be examined as diabetes or Bright's disease may be the cause of the furuncle formation. In long standing cases the local irritation should be sought for, even old smoking jackets, sweaters, etc., being sources of infection. A boil may often be aborted by the application of iodine, boric acid, ichthyol, etc. Heitzmann's plaster for this purpose is:

℞ Acidi Salicylici.....1 drachm
Emplast. Saponis.....1 ounce
Emplast. Diachyli..... $\frac{1}{2}$ ounce

M. Sig.—Spread on cloth and apply to boil.

Another useful formula is:

℞ Tinct. Iodi.....1 drachm
Acid Tannic..... $\frac{1}{4}$ drachm
Pulv. Acaciæ..... $\frac{1}{4}$ drachm

M. Sig.—Apply to boil.

Or, a few drops of carbolic acid may be injected into the boil. The following ointment may be used if pus has already formed. It serves all purposes of a plaster, allays pain, and does not favor infection:

℞ Iodoform.....1 drachm
Ungt. Vaseline Plumb.....1 ounce

M. Sig.—Spread on lint and apply to boil.

Where boils are multiple, the intervening and surrounding skin should be smeared with equal parts of zinc oxid and vaseline with four per cent. of carbolic acid. After the boil has burst the cavity must be treated on ordinary surgical principles.

The following formulæ are recommended in the "N. E. Med. Mon.":

℞ Argenti Nitras.....15 grains
Aquæ Dest.....2 drachms

M. Sig.—Apply freely with camel's hair brush.

Indications—Used to abort formation of boil.

℞ Chloralis.....4 drachms
Glyceriti Boroglycerini.....1 ounce
Aquæ, to make.....4 ounces

M. Sig.—Apply constantly to inflamed area on absorbent cotton soaked with the solution.

Indications—Used in early stage to abort formation, and in later stages to relieve pain and limit extent of suppuration.

℞ Alumni Acetatis..... $\frac{1}{2}$ ounce
Aquæ Dest.....2 ounces

M. Sig.—Apply constantly on absorbent cotton soaked with the solution.

Indications—Used in papular (pimple) state to prevent the formation of a boil.

No. 171.

CRANBERRY THERAPY.

Goriarsky says that the pure, fresh juice of raw cranberries, given freely, either diluted or with an equal part of water, is an excellent means of relieving the thirst in fever, and moreover is markedly antipyretic. In the thirst and vomiting peculiar to cholera it is even more effective. In fifty cases in which ice and narcotics failed to make the slightest impression, cranberry juice, in small but repeated doses, rapidly checked both vomiting and nausea.

No. 172.

PAROTITIS.

MUMPS.

Inflammation of the parotid gland, popularly termed the mumps.

The following treatment is recommended in the "N. E. Med. Mon.":

℞ Tinct. Aconiti.....9 minims
Spir. Ætheris Nitrosi.....2 drachms
Syr. Simp.....2 drachms
Liq. Potass. Citratis, to make.....6 ounces

M. Sig.—Dessertspoonful in water every two hours.

No. 173.

GONORRHŒA.

Keea recommends the following internal treatment for gonorrhœa:

℞ Oil Resinæ Cubebæ.....50 grains
Salol 50 grains
Pepsin.....20 grains

M. For 20 capsules. Sig.—One to be taken three times a day.

ACUTE GONORRHŒA —

Dr. Cabot states that if cases come to him for treatment during the first twenty-four hours, they can be relieved, and the gonococci made to disappear from the discharge in the course of a few days. The following silver salt is used:

℞ Argonin.....80–150 grains
Aquæ Dest., to make 4 ounces

M. Sig.—Use as a deep injection into urethra.

Six drachms of the solution should be employed and

retained within the urethra, first instructing the patient to urinate and wash the urethra out with a warm solution.

Other treatment consists in the use of the following internally:

R Potassii Citratis.....6 drachms
Aqua Dest., to make.....3 ounces

M. Sig.—One teaspoonful in water three times a day.

Where the case presents a copious discharge the following is given:

R Plumbi Acetatis..... $\frac{1}{2}$ grain
Acidi Tannici..... $\frac{1}{2}$ grain
Zinci Sulphatis..... $\frac{1}{2}$ grain
Cupri Sulphatis..... $\frac{1}{2}$ grain

M. For 1 tablet. Sig.—Dissolve one such tablet in four ounces of water and use as an injection after each urination. The importance of the temperature of the injection is emphasized, and he recommends the injection to be given at a temperature of 110° F.

TO ABORT GONORRHOEA —

The following treatment is recommended in the "N. E. Med. Mon.":

R Aiol.....1 drachm
Vini Opii.....1 drachm
Glycerini, Fl.....1 ounce
Aq. Dest., to make.....4 ounces

M. Sig.—Shake. Use as injection three times a day after urinating.

Indications—Used in early stage of the disease.

R Protargoli.....40 grains
Aqua.....4 ounces

M. Sig.—After urinating inject about two drachms, allow fluid to escape, and again inject and retain for some period of time.

Indications—Used during the incipient stage to abort. After a few days employ any of the mild astringents.

Recommended in "Jour. Amer. Med. Asso.":

R Plumbi Acetatis.....15 grains
Zinci Sulphatis.....12 grains
Ext. Krameria.....2 drachms
Tinct. Opii..... $\frac{1}{2}$ ounce
Aqua, to make.....6 ounces

M. Sig.—Use as injection twice daily until cured.

Dr. White employs the following:

℞ Hydrarg. Chlor. Corr.....	$\frac{1}{6}$ grain
Acidi Carbolici.....	$1\frac{1}{2}$ drachms
Zinci Sulph-carbolat.....	24 grains
Boroglyceride (50 p. c. sol.).....	2 ounces
Aq. Rosæ, to make.....	8 ounces

M. Sig.—Use as injection after each urination.

To relieve severe pain at urinating use the following solution:

℞ Cocaine Hydrochlor.....	10 grains
Acidi Carbolici.....	2 drops
Aquæ.....	2 ounces

M. Sig.—Inject one drachm into urethra about five minutes before urinating.

Indications—Used to relieve severe ardor urinæ. Emersion of the organ in warm water while urinating will lessen pain.

CHRONIC URETHRITIS OR GLEET—

℞ Acidi Carbolici.....	15 drops
Zinci Sulphatis.....	$7\frac{1}{2}$ grains
Aluminis	$7\frac{1}{2}$ grains
Aquæ, to make.....	6 ounces

M. Sig.—Use as injection.

Indications—Used in chronic urethritis or gleet. The meatus in all cases of chronic gonorrhœa, either by dilation or incision, must be made to equal the diameter of the urethra, and all strictures dilated or incised before beginning injection or other local treatment. The above prescription should be used daily, if anterior urethritis, or every third day if posterior urethritis, at first diluted with two-thirds water and strength gradually increased. If lesion is in anterior urethra an ordinary syringe may be employed; if in posterior urethra, a soft rubber catheter or long nozzle syringe should be used, and ten drops injected.

A SPECIFIC FOR GLEET—

℞ Pyridine (E. Merks).....	1 drachm
Aquæ Dest.....	4 ounces

M. Sig.—Used as injection three or four times daily. Will also cure gonorrhœa at any stage.

TO PREVENT GONORRHŒA.—Immediately after intercourse wash the organ and inject into the urethra, five drops of a 20 per cent. protargol-glycerine solution.—
DR. FRANK.

GONORRHŒA IN FEMALES—

Merk's "Archives" recommends the following in the treatment of gonorrhœal vaginitis:

℞ Hydrastin Hydrochlor.....15 grains
Aqua, q. s. ad.....to dissolve
Adipis Lanæ Hydrosi.....4 drachms
Copaibæ.....1 drachm
Petrolati.....4 drachms

M. Sig.—Saturate absorbent cotton and pack the vagina night and morning after irrigating with the following:

℞ Potassii Permanganatis.....2 ounces

M. Sig.—One-half teaspoonful in two quarts of warm water as a vaginal douche morning and night.

Or:

℞ Pulv. Aluminis.....2 ounces
Pulv. Acidi Borici.....2 ounces

M. Sig.—Four teaspoonfuls to the quart of warm water as a douche morning and night.

Where a more astringent wash is desired the following will be of service:

℞ Acidi Borici.....4 ounces
Acidi Tannici.....2 ounces

M. Sig.—Three teaspoonfuls to the quart of warm water as a douche twice a day.

As a vaginal antiseptic in the form of suppositories he recommends the following:

℞ Ichthyol..... $\frac{1}{2}$ drachm
Iodoformi..... $\frac{1}{2}$ drachm
Acidi Tannici..... $\frac{1}{2}$ drachm
Adipis Lanæ Hydrosi.....1 drachm
Oil Theobromæ, q. s. ad

M. For 6 suppositories. Incorporate the ichthyol in the wool fat and mix with cocoa butter and iodoform, then add the tannic acid.

Sig.—Insert one suppository into vagina twice daily after a warm antiseptic douche (by rubber bulb, or fountain syringe) of a boric acid solution (all the acid the water will dissolve).

Dr. Roulet cleanses the vulva with bichloride of mercury, 1–10,000 per cent.; keeps patient in bed, and gives potassium citrate, 10 grains every two hours. He also employs the following:

R Protargol.....1 grain
Aquaë.....1 drachm

M. Sig.—Apply to the urethra, and a two per cent. solution swabbed or sprayed over the vaginal walls.

The following also is used if necessary:

R Protargol.....5 grains
Europhen.....5 grains
Oil Theobrom, q. s. ad

M. For 10 suppositories. Sig.—Insert one at bed-time.

No. 174.

EPIDIDYMITIS.

Inflammation of the structural parts which are attached to the upper part of the testicle.

TREATMENT :

The internal administration of sodium salicylate in the treatment of gonorrhœal epididymitis is recommended by Pigot, in those cases in which there is much pain, without extensive involvement of the spermatic cord and tunica vaginalis. When the cord is involved, belladonna and mercurial ointment is more effective.

R Methyl Salicylatis.....1 ounce
Oil Olive.....2 ounces

M. Sig.—Apply to the scrotum and protect by gutta percha paper and suspensory bandage.

Bettman advocates the above treatment and advises the change of dressings every two hours. That the salicylate is absorbed is proved by the urine.

Chevillot recommends friction of the scrotum every three days with the following ointment:

℞ Methyl Salicylate.....150 grains
Ext. Belladonna.....45 grains
Lard.....450 grains

M. Ointment. Sig.—Apply as indicated above.

After friction the scrotum should be enveloped in cotton wool and a suspensory bandage applied. At the end of some hours the pain ceases and the patient can get about at his occupation in two or three days. Cure is effected in from eight to twelve days.

NO. 175.

ORCHITIS.

INFLAMMATION OF THE SCROTUM.

TREATMENT:

Morley employs the following in the treatment of orchitis:

℞ Tinct. Pulsatilla.....4 ounces

M. Sig.—Apply to scrotum every two or three hours, keeping it moist with the same, till swelling subsides.

Or:

℞ Ext. Belladonna.....1 ounce
Tinct. Iodine.....1 ounce
Spir. Terebinth.....2 drachms

M. Sig.—Apply as above directed.

For the pain in orchitis Lutaud employs the following:

℞ Quinine.....7½ grains

M. For 1 capsule. Sig.—At one dose internally, and for the swelling apply the following:

℞ Methyl Salicylate.....6 drachms
 Guaiacol.....1 drachm
 Vaseline.....1 ounce

M. Sig.—Apply locally once or twice daily.

ORCHITIS AND EPIDIDYMITIS —

℞ Tinct. Opii.....2 ounces
 Liq. Plumbi Subacetatis.....2 ounces

M. Sig.—Heat a tablespoonful and add to hot flax-seed poultice and apply as often as the poultice becomes cool. Support testicles by means of a large suspensory bandage.

Indications—Used in acute stage with swelling and pain.

No. 176.

LITHEMIC ORCHI-EPIDIDYMITIS.

Lyne ("Med. Council") reports a case of non-venereal swelled testicle occurring in a man of 35, subject to attacks of herpes genitals, occasionally troubled with urticaria and pruritus and having very acid urine loaded with urates. The attack was precipitated by coition. The patient refused to go to bed and various methods of treatment were tried without success until the following was given:

℞ Potassium Iodid..... $1\frac{1}{2}$ drachms
 Sodium Salicylate..... $1\frac{1}{2}$ drachms
 Tinct. Calumba.....3 ounces
 Syr. Lemon, to make.....4 ounces

M. Sig.—Teaspoonful in water after each meal and at bed-time.

This proved to be a happy combination, improvement being marked in as reasonable time as one could expect, and continued till complete recovery.

No. 177.

CHORDEE.

A painful tension and downward curvature of the penis, experienced in gonorrhœa.

TREATMENT :

Lyon recommends the following prescription for the treatment of chordee :

℞ Camphor 45 grains
Ext. Opium.....3 grains

M. For 20 pills. Sig.—Four to be taken and four more after fifteen minutes if necessary.

Or :

℞ Lupulin 15 grains
Sugar.....15 grains

M. Sig.—The whole to be taken at one dose.

Or :

℞ Syr. Orange Peel.....1,500 grains
Syr. Codeine 1,500 grains
Potass. Bromide.....150 grains

M. Sig.—Two tablespoonfuls to be taken at bed-time and repeated during the night if necessary.

The following formula is recommended to allay chordee and sexual excitability in the “N. E. Med. Mon.” :

℞ Ext. Ergotæ.....2 drachms
Tinct. Gelsemii..... $\frac{2}{3}$ drachm
Potassii Bromidi..... $2\frac{2}{3}$ drachms
Tinct. Hyoscyami.....4 drachms
Syr. Aurantii.....4 ounces

M. Sig.—Small tablespoonful at bed-time.

TO PREVENT CHORDEE —

Dalton recommends the following treatment to prevent chordee :

℞ Sol. Morphinae Hydrochlor.....15 minims
Cocainæ Hydrochlor..... $\frac{1}{2}$ grain
Aquæ, to make.....2 drachms

M. Sig.—Inject into the urethra and retain for five minutes before retiring.

As an injection for residual gleet he states that astringents are required (after the irrigation treatment). When there is a thin glycerin-like discharge, he employs the following :

℞ Zinci Sulphatis..... $\frac{1}{4}$ - $1\frac{1}{2}$ grains
 Plumbi Subacetatis..... $\frac{1}{4}$ - $1\frac{1}{2}$ grains
 Tinct. Catechu.....10-30 minims
 Glycerini..... $\frac{1}{2}$ -1 drachm
 Aquæ, to make.....1 ounce●
 M. Sig. Use as injection.

No. 178.

SYPHILIS.

TREATMENT :

As distinguished from the treatment of chancroid, which like gonorrhœa, is only local in its effects, the initial sore of syphilis should never be cauterized nor excised ; nor is it necessary the mercurial treatment be begun with the appearance of the chancre, as it is powerless to check the infection. The treatment should be of the simplest kind, consisting of stimulating and protective dressings. As dry dressings the following are recommended, of which the iodoform is much the best although disagreeable in odor :

℞ Pulv. Iodoformi..... $2\frac{1}{2}$ drachms
 Hydrarg. Chlor. Mit..... $1\frac{1}{2}$ drachms
 M. Sig.—Apply locally to the sore.

Or :

℞ Bismuthi Subgallatis.....2 drachms
 Pulv. Lycopodii.....1 drachm
 M. Sig.—Apply to the sore.

When the chancres present a destructive tendency then apply the following :

℞ Hydrarg. Chlor. Mit.....2 drachms
 M. Sig.—Apply to the chancre.

As a rule the tendency of the initial sore is toward healing and cicatrization unless unwisely treated, so that it is better to use the milder dressings locally, such as aristol, euophen, nosophen, acetanilid, or orthoform. As a wet dressing, if it is thought best to apply such, one of the following is probably preferable:

℞ Acidi Carbol.....2-4 grains
Aquæ 4 ounces

M. Sig.—Apply on lint two or three times a day.

Or:

℞ Sol. Hydrarg. Chlor. Corros. ($\frac{1}{1000}$ or $\frac{1}{300}$)

M. Sig.—Apply locally every three or four hours.

Or:

℞ Hydrogeni Peroxidi..... $\frac{1}{2}$ ounce
Aquæ Dest.....4 ounces

M. Sig.—Apply locally three or four times daily.—JOUR. AMER. MED. ASSO.

INITIAL SORE IN WOMEN—

In the treatment of the initial sore in women, Lang, in "Twentieth Century Practice," recommends the following:

℞ Hydrarg. Chlor. Corros..... $\frac{3}{4}$ -3 grains
Spir. Vini..... $1\frac{1}{4}$ drachms
Spir. Ætheris Sulph..... $1\frac{1}{4}$ drachms

M. Sig.—To be painted on the affected part.

Or:

℞ Ungt. Hydrarg.....75 grains
Oil Theobromæ..... $2\frac{1}{2}$ ounces

M. For 10 suppositories. Sig.—One to be placed in the vagina. These may be borne by pregnant women.

SECONDARY AND TERTIARY STAGES—

The following is recommended for syphilis in second stage:

℞ Potass. Iodidi.....2 drachms
Hydrarg. Chlor. Cor.....2 grains
Elixir Frangulaxinæ.....4 ounces

M. Sig.—One teaspoonful three times a day after meals.

Where there is considerable discomfort and anemia Thomas prescribes the following:

R	Hydrarg. Protiodid.....	5-10 grains
	Strych. Sulph.....	$\frac{1}{2}$ grain
	Ferri Sulph.....	20 grains
	Pepsin Pulv.....	40 grains

M. For 20 capsules. Sig.—One capsule three times a day after meals.

The following combination is recommended by Antony as an injection in the treatment of syphilis:

R	Hydrarg. Biniodidi.....	$1\frac{1}{2}$ grains
	Potassii Iodidi.....	9 grains
	Sodii Phos.....	15 grains
	Aquæ Dest.....	1 ounce
	Normal Saline Sol.....	1 ounce

M. Sig.—Sixteen drops by hypodermic injection daily.

The following is employed in the treatment of syphilis at Finger's Clinic:

R	Hydrarg. Salicylat.....	5.
	Paraffin.....	50.

M. Sig.—One Pravaz syringe-ful in the week by intramuscular injection.

In cases suffering from extreme tenderness of the periosteum Porter employs the following:

R	Hydrarg. Biniodidi.....	$1-1\frac{1}{2}$ grains
	Ammo. Iodidi.....	3 drachms
	Kali Iodidi.....	4 drachms
	Syr. Auranti Cort.....	1 ounce
	Fl. Auranti.....	1 drachm
	Aquæ, to make.....	4 ounces

M. Sig.—One teaspoonful three times a day after meals.

SYPHILITIC AFFECTIONS OF JOINTS—

In syphilitic affections of the joints Dr. Pielicke gives the following:

R	Mercury Biniodidi.....	$1\frac{1}{2}$ grains
	Potass. Iodide.....	$\frac{7}{5}$ grains
	Aquæ Dest.....	2,700 grains
	Sherry Wine.....	300 grains

M. Sig.—One tablespoonful twice a day after evening and morning meals.

SYPHILITIC LOBAR PNEUMONIA—

The following treatment for syphilitic lobar pneumonia is recommended in the "Medical Record":

℞ Ammon. Iodidi.....40 grains
 Spir. Ammon. Aromat.....2 drachms
 Elixir Aromat.....1 ounce
 Aquæ, to make.....8 ounces

M. Sig.—Two small tablespoonfuls three times a day after meals.

SYPHILITIC ULCERS—

Sterling recommends the following for syphilitic ulcers:

Touch the ulcer with nitrate of silver, wash with Castile soap and apply the following:

℞ Iodoform.....2 drachms
 Acid Tannic..... $\frac{1}{3}$ drachm
 Morphia Sulph.....5 grains
 Pulv. Hydrastis Can..... $\frac{1}{2}$ ounce
 Vaseline, to make.....2 ounces

M. Sig.—Apply to ulcer two or three times daily as indicated above.

HEREDITARY SYPHILIS—

The following treatment for hereditary syphilis is recommended in "N. E. Med. Mon.":

℞ Hydrarg. cum Creta.....1 drachm

M. For 40 powders. Sig.—One powder three times a day.

Indications—Used in place of the yellow iodide, governed by the same circumstances. Also in smaller doses considered the best remedy in hereditary syphilis of children.

℞ Ungt. Hydrarg.....2 drachms

Dividetur in partes æquales ad sexdecim doses et pone in chartulas oleatus vel paraffinatas.

M. Sig.—The contents of one package to be applied by thorough inunction once daily.

Indications—The parts of the body over which the skin is soft and thin should be selected for the inunctions, such as the flank beneath axilla, and inner side of thigh. Inunction should not be made on the same part of the body upon successive days.

No. 179.

DISEASES OF THE EYES.

CONJUNCTIVITIS.

Inflammation of the conjunctiva—the delicate mucous membrane which lines both eyelids and covers the external portion of the eyeball.

TREATMENT :

In white staphylococcus (matter) forms, irrigation may be practised with a weak solution of salt-water, or with the following :

℞ Borate of Sodium.....	3 ounces
Chloride of Sodium.....	$\frac{1}{2}$ ounce
Cryst. Carbolic Acid.....	15 grains
Aquæ.....	1 gallon

M. Sig.—The frequency of the irrigation should be regulated by the accumulation of matter on the conjunctiva. The upper lid being everted and the irrigating bag being hung twelve inches above the plane of the patient's eye, the nozzle of the irrigator is held over the bridge of the patient's nose and the fluid allowed to run over the everted lid and the inferior retrotarsal surface into a mass of absorbent cotton held on the temple. This should be repeated every half hour.—REYNOLDS.

In cases of severe conjunctivitis the following formulæ may be used :

℞ Acidi Borici.....	$1\frac{1}{3}$ drachms
Aquæ Dest.....	4 ounces

M. Sig.—Wash eyes five or six times daily and put several drops into the eyes at each washing. In milder cases, less frequent. This makes an excellent eye wash, almost painless, and is inexpensive.

℞ Zinci Sulphatis.....	$\frac{1}{4}$ grain
Morphinæ Sulphatis.....	$\frac{1}{4}$ grain
Aq. Rose.....	1 ounce

M. Sig.—A few drops into each eye two or three times daily.

Or should there be persistent discharge :

℞ Hydrarg. Chlor. Mit.....	$2\frac{1}{2}$ grains
Vaseline (White).....	1 ounce

M. Sig.—Apply to the lids several times daily.

℞ Cocaine Hydrochlor.....1 grain
 Aq. Dest.....4 drachms

M. Sig.—A few drops into the eyes twice daily.

The nose and throat should be thoroughly sprayed every three or four hours with some mild antiseptic solution, such as diluted borolyptol, glycothymolin, etc.
 —J. A. M. A.

CATARRHAL CONJUNCTIVITIS —

The following is recommended by Dr. Terrier :

℞ Ammon. Chloridi.....1 grain
 Zinci Sulphatis..... $2\frac{1}{2}$ grains
 Camphoræ..... $\frac{1}{6}$ grain
 Aquæ Dest..... $3\frac{1}{2}$ drachms

M. Sig.—Several drops into the eye once or twice a day.

For chronic catarrhal conjunctivitis the following treatment is recommended:

℞ Glyceriti Acidi Tannici, Fl.....3–6 drachms
 Glycerini, to make.....1 ounce

M. Sig.—To be painted freely upon everted lids once daily.

℞ Zinci Sulphatis.....1 grain
 Aq. Dest.....1 ounce

M. Sig.—One drop in eyes morning and night.

FOLLICULAR CONJUNCTIVITIS —

Wood and Woodruff recommend as treatment the local application of cold compresses followed by a mild antiseptic lotion as follows :

℞ Acidi Hydrocyanici.....1 drop
 Acidi Boracici..... $\frac{1}{2}$ drachm
 Sodii Boratis..... $\frac{2}{3}$ drachm
 Aq. Dest.....2 ounces

M. Sig.—One or two drops into the eye once or twice daily.

GRANULAR CONJUNCTIVITIS —

In cases of trachoma (roughness on the internal side of the eyelid, and very painful) or chronic granular conjunctivitis, Wood and Woodruff recommend a thorough cleansing of the conjunctival sack with boric acid or a

weak bichloride solution and later some astringent preparation applied, such as the following:

℞ Cupri Sulph. vel Acidi Tannici.....10 grains
Vaselini.....1 ounce

M. Sig.—Apply between the lids once or twice daily.

In the early stages, when the granulations are excessive and prominent, massage of the lids with the following ointment is recommended by them:

℞ Hydrarg. Oxid. Flav.....5 grains
Lanolini..... $\frac{1}{4}$ ounce
Vaselini..... $\frac{1}{4}$ ounce

M. Sig.—To be applied to the lids and thoroughly rubbed in once or twice daily.

PURULENT CONJUNCTIVITIS —

The following is recommended for purulent conjunctivitis in “N. E. Med. Mon.”:

℞ Protargoli.....4 grains
Aq. Dest.....1 ounce.

M. Sig.—Put several drops into the eye every two hours.

℞ Argenti Nitratis.....10 grains
Aq. Dest.....1 ounce

M. Sig.—Painted upon everted eyelids morning and night, neutralizing excess with salt solution. To be followed by cold cloths to closed eyes.

Indications—Used in both gonorrhœal ophthalmia and ophthalmia neonatorum when discharge is creamy and lids are relaxed, and no membrane exists on conjunctiva.

℞ Acidi Borici.....1 drachm
Aq. Dest.....3 ounces

M. Sig.—Irrigate conjunctival sack every half to one hour day and night.

HYPERÆMIA OF THE CONJUNCTIVA —

Wood and Woodruff recommend the following treatment of hyperæmia of the conjunctiva: Remove the cause if possible, and apply cold water locally to the closed eyelids three or four times a day. In a few cases hot water

is more effective than cold water. Following the application of cold or hot water, a soothing, non-irritating solution as follows should be employed :

℞ Acidi Borici..... $\frac{1}{4}$ drachm
 Sodii Biboratis..... $\frac{1}{4}$ drachm
 Aq. Rose.....2 drachms
 Aq. Dest., to make.....2 ounces

M. Sig.—Put a few drops into the eye three or four times a day after the cold or hot water applications as directed above.

If the lids are gummy or show a tendency to adhere in the morning a little simple ointment as follows should be used :

℞ Acidi Borici.....1 drachm
 Petrolati Mollis.....1 ounce

M. Sig.—Rub a small quantity along edges of eyelids at night.

OPHTHALMIA NEONATORUM—

A kind of purulent inflammation of the eye which sometimes attacks infants soon after birth.

Wood and Woodruff advise the following treatment:

℞ Hydrastin Sulph..... $1\frac{2}{3}$ grains
 Acidi Borici..... $1\frac{2}{3}$ grains
 Sodii Biboratis..... $1\frac{2}{3}$ grains
 Tinct. Opii..... $\frac{1}{2}$ drachm
 Aquæ Dest.....1 ounce

M. Sig.—To be instilled into the eye every hour.

Other solutions may be used as follows:

℞ Potassii Permanganatis..... $\frac{1}{4}$ grain
 Aq. Dest.....2 ounces

M. Sig.—To be dropped into the eye once or twice a day.

Or:

℞ Hydrarg. Bichloride..... $\frac{1}{8}$ grain
 Aq. Dest.....2 ounces

M. Sig.—Drop into the eye daily.

According to them, chlorin water is very efficient when much pus is secreted :

℞ Aq. Chlorin..... $1\frac{1}{2}$ drachms
 Aq. Dest.....4 ounces

M. Sig.—Apply locally.

INTERSTITIAL KERATITIS—

Inflammation of the connective tissue between the layers which compose or form the cornea or outer wall of the eyeball.

The following treatment for interstitial keratitis is recommended in “N. E. Med. Mon.”:

℞ Ungt. Hydrarg.....1 drachm

M. Sig.—One drachm used by inunction at night.

Indications—Used in earlier stages until slight tenderness of the gums.

℞ Atropinæ Sulphatis.....1 grain

Aquæ Dest., Fl.....3 drachms

M. Sig.—One drop in the eye morning and night.

Indications—Used to reduce inflammation. May be combined with weak solution of boric acid.

℞ Hydrarg. Oxidi Flavi.....2 grains

Lanolini..... $\frac{1}{2}$ drachm

Petrolati Albi..... $\frac{1}{2}$ drachm

M. Sig.—Small portion between lids, and upper lid gently rubbed over cornea for several minutes.

Indications—To hasten absorption of opacities. Only indicated when all inflammation of disease has subsided.

℞ Syr. Ferri Iodidi.....1 ounce

M. Sig.—Ten drops in water after meals, internally, and increased gradually to twenty drops.

PHLYCTENULAR KERATITIS—

A little vesicle or blister:—applied to such vesicles as occur in scrofulous inflammation of the conjunctiva, filled with a thin, colorless fluid. Usually occurs in children.

The following treatment is recommended in the “N. E. Med. Mon.”:

℞ Santonini.....1 grain

Hydrarg. Chlor. Mit.....3 grains

M. For 3 powders. Sig.—One every morning an hour before breakfast, followed by castor oil.

Indications—Used when intestinal worms are suspected.

℞ Syr. Ferri Iodidi.....7 drachms
 Liq. Potassii Arsenitis.....1 drachm

M. Sig.—Three to ten drops, according to age, internally, in a half glass of water after meals.

Indications—Tonic for scrofulous children.

ULCERATIVE KERATITIS (Ulcers of Cornea)—

℞ Physostigminæ Sulphatis..... $\frac{1}{4}$ grain
 Aq. Dest.....1 ounce

M. Sig.—One drop in the eye three times a day, followed by atropine solution at bed-time.

Indications—Acts in some cases beneficially on the nutriment of the cornea.

℞ Pulv. Iodoformi..... $\frac{1}{4}$ drachm

M. Sig.—Dust on the cornea.

Indications—Used in simple ulcers.

℞ Fluoresceini.....10 grains
 Sodii Carbonatis.....17 grains
 Aq. Dest.....1 ounce

M. Sig.—One drop on eyeball.

Indications—Stains corneal tissue that has been denuded of its epithelium a light green. Useful in outlining corneal ulcers before curetting or cauterizing.

The following treatment of corneal ulcers is recommended by Galezowski:

℞ Iodoformi..... $1\frac{1}{2}$ grains
 Cocainæ Hydrochlor.....1 grain
 Petrolati..... $2\frac{1}{2}$ drachms

M. Sig.—Apply locally.

After the ulcer begins to heal and cicatrize, the following ointment should be applied:

℞ Hydrarg. Chloridi Mitis..... $2\frac{1}{2}$ grains
 Dionine.....1 grain
 Lanolini..... $1\frac{1}{2}$ drachms

M. Sig.—Apply locally.

For indolent ulcers of the cornea, McIntosh recommends the following:

℞ Yellow Oxide of Mercury.....4 grains
 Atropine Sulphate.....2 grains
 Petrolatum.....1 ounce

M. Sig.—Apply locally.

GLAUCOMA —

Dimness or defect of vision from opacity of the vitreous humor.

Polyclinique recommends the following treatment for glaucoma :

℞ Eserine Sulphate..... $\frac{15}{100}$ grain
 Pilocarpine Hydrochloride.....3 grains
 Cocaine Hydrochloride..... $1\frac{1}{2}$ grains
 Aquæ Dest.....150 minims

M. Sig.—One drop instilled into the eye every evening.

Indications—Used in subacute and chronic glaucoma. In acute attacks instill twice daily.

BLEPHARITIS (Inflammation of Eyelids) —

Roehlmann recommends the following treatment :

℞ Bals. Peruv.....2 parts
 Lanolin 4 parts
 Oil Amygdalæ Dulc.....2 parts

M. Sig.—Apply to the edges of the partly closed lids and leave on for half hour or more.

Indications—Used in parastic blepharitis.

In cases of blepharitis marginals (edges), which involve the borders of the lids and are eczematous (eczema-like) in nature, he recommends the removal of the crusts ; in order to do this it is necessary sometimes to remove the eyelash also, which will prevent the reformation of the crust. Otherwise, the crusts may be soaked with the following solution, and easily removed :

℞ Sodii Carbonatis..... $\frac{1}{2}$ drachm
 Aq. Dest.....3 ounces

M. Sig.—Apply locally to the crusts.

After the removal of the scabs, an ointment as follows should be applied :

℞ Hydrarg. Oxid. Flavi.....2 grains
 Ungt. Aq. Rose.....1 ounce

M. Sig.—Apply and thoroughly rub into the edges of the lids every evening at bed-time.

The following solution should be applied during the day:

R	Acidi Borici.....	7½ grains
	Sodii Biboratis.....	7½ grains
	Aquæ Rosæ.....	2 drachms
	Aquæ Dest., to make.....	1 ounce

M. Sig.—Apply to lids several times every day.

Dr. Raimondo Ferro has experimented during the past three years with a number of remedies in the treatment of blepharitis. Local applications of solutions of iodine, and potassium iodide, silver nitrate, and of pyoktanin he considers of no particular value. The following ointment he used with remarkable success:

R	Copper Sulphate.....	4 grains
	Ichthyol.....	4 grains
	White Vaseline.....	1 ounce

M. Sig.—Apply locally to the lids once or twice daily.

Its use did not affect the cornea or the conjunctiva and so uniform were the results that the author is convinced the ointment might be considered a specific in blepharitis. He recommends it in all forms of the affection as preferable to any other application that has ever been used. The ichthyol, the author says, acts as an antiseptic and a stimulant, while the copper sulphate exerts astringent properties, reducing the congested sebaceous glands of the eyelids.

CONTAGIOUS DISEASES OF THE EYE—

Ziegler, as stated in “Amer. Med.,” discusses the treatment of contagious diseases of the eye by the general practitioner. He states that the local treatment of acute catarrhal conjunctivitis consists of a single application of silver nitrate, grains 5 to the ounce, on the first day, followed by milder applications of glycerol of tannin or a 10 per cent. solution of protargol on each successive day.

The following wash is of value :

℞ Sodii Biboratis.....	5 grains
Acidi Borici.....	10 grains
Aquæ Rosæ.....	$\frac{1}{2}$ ounce
Aquæ Dest.....	$\frac{1}{2}$ ounce

M. Sig.—Drop in each eye freely every two or three hours.

Granular conjunctivitis should be treated daily by an application of silver nitrate, from 5 to 10 grains to the ounce. When the disease begins to yield, milder applications, such as glycerol of tannin or boroglycerid (50 per cent. solution), should be substituted. Purulent ophthalmia should be treated by the daily application to the everted eyelids of a 10 grain solution of silver nitrate, neutralized by a saturated solution of salt followed by an after irrigation of bichloride wash. Ice compresses should be applied to the lids, and changed every minute until the swelling and discharge are markedly diminished. A 1 to 4000 bichloride solution should be used as a wash every fifteen minutes for three or four days and then at longer intervals a 1 to 8000 solution may be used. Twice daily a protargol solution (10 to 25 per cent.) should be instilled. As a prophylactic measure in ophthalmia neonatorum a single drop of a 10 grain solution of silver nitrate may be instilled, or the eyes may be irrigated with a 1 to 4000 bichloride solution, or a solution of protargol 10 to 25 per cent. may be used.

SYPHILITIC IRITIS —

The following is recommended to be given internally in cases of syphilitic iritis:

℞ Hydrarg. Biniiodidi.....	6 grains
Potass. Iodidi.....	$1\frac{1}{2}$ drachms
Aquæ Dest.....	$\frac{1}{2}$ ounce
Syr. Aurantii, to make.....	3 ounces

M. Sig.—One teaspoonful three times a day after meals.

Or:

℞ Hydrarg. Iodidi.....	6 grains
Sacchari Lactis.....	36 grains
Alcohol, q. s. ad.	

M. For 24 triturated tablets. Sig.—One tablet to be taken three times a day.

Indications—Used in cases due to syphilis. To be continued for a long period to prevent recurrence.

ACETOZONE AS AN EYE REMEDY—

Klinedinst reports a case of infected traumatism in which this agent was used with marked success. He has been surprised by the rapid manner in which acetozone controls bacterial infection and thinks that the ophthalmic surgeon has in this agent a germicide which is at once safe and more powerful than any other known. The solution of 1 grain to 2 fluid ounces is strong enough for the eye, though a stronger solution did not seem to do any permanent harm, and only caused greater temporary burning and pain.

No. 180.

BURNS AND SCALDS.

TREATMENT :

Robert T. Morris says that in extensive burns of the second degree, accompanied by shock, he places the patient, clothes and all, into a bath tub of hot water, injects morphine hypodermically and anæsthetizes the patient with ether before removing the clothing or dressings. This avoids pain and lessens the degree of shock.

The “*Revista de Medicina y Cirurgia de Habana*” gives the following formula as a non-irritating and very antiseptic ointment for burns:

R	Sodium Naphtholate.....	4½ grains
	Spir. of Geranium.....	¾ grain
	Spir. of Origanum.....	¾ grain
	Spir. of Verbena.....	¾ grain
	Spir. of Thyme.....	¾ grain
	Pure White Petrolatum.....	1 ounce

M. Sig.—Apply to the burn as may be required.

℞ Acidi Pierici..... $37\frac{1}{2}$ grains
Aquæ, Fl.....8 ounces

M. Sig.—Apply on gauze constantly saturated with this solution, cover with absorbent cotton, and bandage.

Indications—To relieve pain and promote healing in superficial burns and scalds.

Dr. Reclus recommends the following ointment in superficial burns:

℞ Iodoformi..... $7\frac{1}{2}$ –15 grains
Antipyrin..... $37\frac{1}{2}$ grains
Acidi Borici..... $37\frac{1}{2}$ grains
Vaselini $1\frac{1}{4}$ ounces

M. Sig.—Apply to burn as may be required.

Wertheimer applies to burns, especially in children, the following liniment:

℞ Thymol $1\frac{1}{2}$ –2 grains
Aquæ Calcis..... $12\frac{1}{2}$ drachms
Oil Lini $12\frac{1}{2}$ drachms

M. Sig.—Apply to burns.

Indications—Used in superficial (surface) burns.

A very soothing application (“The Practitioner”) for burns of mild degree, and particularly for scalds from water or steam, is the following:

℞ Cocaine.....5 grains
Ungt. Zinci.....1 ounce

M. Sig.—A thin coating may be spread upon muslin and applied to the part.

No. 181.

ASIATIC CHOLERA.

TREATMENT:

℞ Acidi Sulphurici Diluti.....1 ounce

M. Sig.—Five drops in every glass of water that is drunk.

Indications—Used as a preventative during an epidemic. Fifteen to thirty drops in ice water every twenty to thirty

minutes to relieve vomiting and purging if the disease develops.

℞ Oil Ricini.....1 ounce
Tinct. Opii Deodoratæ.....16 minims

M. Sig.—Take at once.

Indications—Used if indigestible food has been eaten.

℞ Camphoræ.....1¼ drachms
Alcohol, Fl.....1 ounce
Vini Rubri.....2 pints

M. Sig.—Teaspoonful to tablespoonful in peppermint tea every hour during the attack.

Indications—Used to relieve pain, cramps, diarrhœa, and collapse. Wineglassful as dose for collapse.—N. E. MED. MON.

℞ Salolpheni.....2 drachms

M. For 24 powders. Sig.—One powder every two hours.

Indications—Used as a preventative, and also as an intestinal antiseptic during an attack.

℞ Acidi Sulphurici Aromat.....½ ounce
Spir. Camphoræ.....½ ounce
Spir. Chloroformi.....1½ drachms
Tinct. Capsici.....1½ drachms
Tinct. Opii Deodoratæ.....1½ drachms
Ext. Hæmatoxyli.....2 ounces
Vini Rubri, to make.....16 ounces

M. Sig.—Shake, and give two teaspoonfuls every half to one hour.

Indications—Used to relieve vomiting, purging, cramps, diarrhœa, and collapse.—PRACTITIONER.

NO. 182.

PERIOSTITIS.

INFLAMMATION OF PERIOSTEUM OR MEMBRANOUS COVERING
OF BONE.

TREATMENT :

In acute periostitis the affected part should be kept well wrapped with an elastic rubber bandage, beginning below and wrapping upwards several inches above the in-

flamed part. It may be necessary to wear the bandage for several months.

℞ Cadmii Iodidi.....1 drachm
 Ichthyoli 4 drachms
 Adipis Lanæ Hydrosi, to make.....2 ounces

M. Sig.—Spread upon new cloth and apply to the affected part.

Indications — Used in chronic periosteal thickening.

No. 183.

TOOTHACHE.

TREATMENT :

℞ Chloroformi..... $\frac{1}{3}$ drachm
 Glycerini..... $\frac{1}{3}$ drachm
 Acidi Carbolici Sat. Sol..... $\frac{1}{3}$ drachm
 Morph. Sulph.....12 grains

M. Sig.—Saturate a small pellet of cotton and place loosely in cavity of tooth. If gums are swollen use No. 113.—WEAVER.

DENTAL ANÆSTHETIC—

This combination judiciously used has been found an excellent remedy in certain cases of toothache:

℞ Tinct. Aconiti Radicis $\frac{1}{3}$ ounce
 Chloroformi Purificati..... $\frac{1}{3}$ ounce
 Alcoholis $\frac{1}{3}$ ounce
 Morphinae Sulphatis.....6 grains

M. Sig.—Moisten a pellet of cotton with the above and apply to the gums around the tooth.—THERAPEUTIC MONTHLY.

No. 184.

STRANGULATED HERNIA.

Dr. George, in “*Jour. des Pract.*,” reports two cases of strangulated hernia in which he could produce no effects by taxis (replacing by the hand). He saturated compresses with ether and applied them to the parts and at

the same time produced moderate taxis. After the compresses were kept in position for several hours reduction was accomplished without much difficulty.

No. 185.

DROPSY.

TREATMENT:

In general dropsy from heart or kidney disease, Shoe-maker considers the following valuable:

℞ Potass. Bitart. ½ ounce
 Ext. Convallariæ 1½ drachms
 Syr. Simp., to make 4 ounces

M. Sig.—One teaspoonful three times a day.

℞ Foliarum Pulveris Digitalis 10 grains
 Pulveris Scillæ 10 grains

M. For 20 pills. Sig.—One pill every five hours.—HARE'S PRACTICAL THERAPEUTICS.

The following is recommended for dropsy in "N. E. Med. Mon.":

℞ Infusi Scoparii 8 ounces

M. Sig.—Tablespoonful in water three times a day.

Indications—Used in cardiac (heart) weakness with renal (kidney) congestion.

℞ Ext. Apocyni 1 ounce

M. Sig.—Five to ten drops three times a day.

Indications—Used in dropsy of chronic Bright's disease.

In dropsy due to heart disease, according to "Cyc. of Med.," digitalis is contraindicated in marked atheroma of blood vessels, aneurism, apoplexy, and other states of arterial excitement and in gastric irritation. The following combination is, however, recommended in dropsical conditions caused by an incompetent right heart:

℞ Tinct. Digitalis.....1 drachm
 Tinct. Scillæ.....2 drachms
 Spir. Juniperis Comp.....2 drachms
 Potass. Acetatis.....2 drachms
 Vini Albi, to make.....6 ounces

M. Sig.—One tablespoonful three or four times a day.

Or:

℞ Pulv. Digitalis..... $\frac{1}{4}$ drachm
 Pulv. Scillæ..... $\frac{1}{4}$ drachm
 Potass. Nitratis.....1 drachm

M. For 30 pills. Sig.—One pill three times a day.

ASCITES (Dropsy of the Belly)—

Dr. Bigg considers elaterin a very valuable drug in the treatment of ascites, providing it is used in a suitable combination like the following:

℞ Elaterin..... $3\frac{1}{3}$ grains
 Strychnine Sulph..... $1\frac{1}{4}$ grains
 Spirit Glonoin..... $\frac{1}{4}$ grain
 Ext. Digitalis..... $12\frac{1}{2}$ grains
 Caffein.....25 grains
 Powd. Cloves.....25 grains

M. For 50 capsules. Sig.—One capsule every three to six hours.

NO. 186.

EARACHE.

TREATMENT:

The following is recommended for earache in “*Jour. de Medicine*”:

℞ Chloral Camphorata.....5 grains
 Glycerini.....30 grains
 Oil Amygdalæ.....10 grains

M. Sig.—Apply a little on cotton and place it in the ear.

GELATO-GLYCERIN BOUGIES FOR EARACHE—

Dr. Richards advocates the use of suitable medicated gelato-glycerin bougies in the treatment of the early stage

of acute otitis media and externa. They are made of a size to readily slip into the ear. The ordinary urethral bougie mould is usually about right as to diameter. They can be inserted without difficulty by washing off the lycopodium powder with which they are covered; they are then very slippery and readily slip down into the canal. After insertion the ear should be closed with absorbent cotton, and a hot water bag placed near or over it. Besides being a medium for the other remedies the glycerin is of itself distinctly curative, in that it tends to draw out some serum from within and lessen the tension. This favors absorption and a paracentesis may be prevented.

He recommends the following formula:

R	Acid Carbolic.....	7 minims
	Fl. Ext. Opium.....	6 minims
	Cocaine.....	1½ grains
	Atropine Sulph.....	1½ grains
	Aquæ.....	52 minims
	Gelatin.....	18 grains
	Glycerin.....	158 grains

M. Sig.—Use as directed above.

No. 187.

REMOVAL OF CORNS.

TREATMENT:

The following is recommended by Merk's "Report" in removal of corns:

R	Resorcin.....	10 grains
	Acidi Salicylici.....	10 grains
	Acidi Lactici.....	10 grains
	Collodii Flex.....	5 drachms

M. Sig.—Apply to corn once a day for four or five days, at the end of which time the corn can be removed.

R	Alcohol, Fl.....	3½ drachms
	Ext. Cannabis Indicæ.....	10 grains
	Acidi Salicylici.....	30 grains
	Ætheris, Fl.....	1½ drachms
	Pyroxylini.....	8 grains

M. Sig.—Dissolve in the order given above, and apply to the corn with a brush twice daily until corn softens, then soak foot in hot water and remove corn.

Indications—Used to remove hard corns.

Dr. Ritter says that hard corns may be softened by prolonged soaking with a warm solution of washing soda, when the corn can be removed by scraping with a sharp knife. The tender surface should be covered with a salicylic acid plaster. This same procedure should be repeated for two or three days. Another method is to soak the foot in hot water for twenty minutes or half an hour before retiring, and apply over the corn the following:

R	Acid Salicylic.....	$\frac{1}{2}$ drachm
	Ext. Cannabis Indica.....	10 grains
	Tinct. Iodine.....	10 minims
	Collodion, to make.....	4 drachms

M. Sig.—To be applied twice a day for five or six days, and then removed with the corn by soaking in hot water. Strong applications of nitrate of silver will often relieve the pain of either hard or soft corns.

Temporary relief from hard corns may be secured by the use of felt rings with a central perforation to admit the corn. Inflamed corns require moist antiseptic dressing with elevated foot. The soft corn should be treated by bathing the foot in hot water every night and removal of all dead skin with a sharp knife; the denuded surface should be protected by a pad of cotton containing some drying powder, as tannic acid or equal parts of boric acid and oxid of zinc.

No. 188.

EATING.

Do we eat to live or live to eat, and do we not eat too often? Among most civilized people it is the usual custom to eat three, four, or five times a day, while in

England one occasionally meets people who regularly eat six times a day. The ancient Greeks, according to Pythagoras, ate once a day. But his recommendation of the plan of eating twice a day was adopted, and on a diet of simple foods, consisting chiefly of wheat, figs, and a few vegetables, that country produced the finest race of men the world has ever seen.

No. 189.

IMPACKED CERUMEN.

EAR-WAX.

TREATMENT :

Dr. Price recommends the following for removing im-packed cerumen :

℞ Glycerin..... $\frac{1}{2}$ ounce
 Sodium Bicarb.....20 grains
 Aquæ..... $\frac{1}{2}$ ounce

M. Sig.—Wash out the ears with this solution two or three times a day, and remove cerumen as it becomes softened.

No. 190.

RECTAL ULCERS.

TREATMENT :

Price recommends the following in the treatment of ulcers of the rectum :

℞ Fl. Ext. Hydrastis.....1 drachm
 Fl. Ext. Ergot.....1 drachm
 Fl. Ext. Hamamelis.....2 ounces

M. Sig.—One-half teaspoonful of this mixture with one-half tea-spoonful cornstarch, to which add two tablespoonfuls of warm water. Inject into the rectum and retain all night. Repeat every evening.

No. 191.

JAUNDICE.

ICTERUS; YELLOWNESS OF SKIN AND EYES.

TREATMENT:

℞ Hydrarg. Chlor. Mit.....2 grains
 Pulv. Rhei.....2 grains
 Resin Podophyllin..... $\frac{1}{4}$ grain
 Sodii Bicarb.....10 grains

M. For 4 capsules. Sig.—One capsule every three hours, the last one at bed-time. Follow this, beginning next day, with:

℞ Fl. Ext. Podophyllin..... $1\frac{1}{2}$ drachms
 Tinct. Cinchona Comp., to make.....4 ounces

M. Sig.—From a half to a teaspoonful three times a day.

CATARRHAL JAUNDICE —

The bitter tonics along with dilute hydrochloric acid are recommended as tonics, anti-fermentatives and hepatic stimulants. The following combination makes an effective mixture in such cases:

℞ Acidi Nitro-hydrochlor.....4 drachms
 Tinct. Nucis Vom.....3 drachms
 Tinct. Gentianæ, to make.....3 ounces

M. Sig.—One teaspoonful in water three times a day after meals.

The following is often prescribed in cases of jaundice with catarrh of the bile ducts:

℞ Sodii Salicylatis.....2 drachms
 Ammonii Chloridi..... $\frac{1}{2}$ ounce
 Aq. Menth. Pip., to make.....3 ounces

M. Sig.—One dessertspoonful in water after each meal.—J. A. MED. ASSO.

No. 192.

BUNIONS.

The following treatments for bunions are recommended in the "N. E. Med. Mon.":

℞ Acidi Tannici.....15 grains
 Ichthyoli.....4 drachms
 Adipis Lanæ Hydrosi, to make.....1 ounce

M. Sig.—Apply freely after removing epidermis with blister.

℞ Cerati Plumbi Subacetatis.....1 ounce

M. Sig.—Apply freely.

Indications—Used to relieve pain and inflammation.

℞ Liq. Plumbi Subacetatis.....2 drachms
 Tinct. Opii.....2 drachms
 Aquæ Dest., to make.....8 ounces

M. Sig.—(Local use only.) Apply freely on soft cloths or cotton.

Indications—Used to relieve pain and inflammation.

No. 193.

EPITHELIAL GROWTHS.

TREATMENT:

Engman recommends formalin as a remedy in the treatment of certain epithelial growths, such as verruca vulgaris, condyloma acuminatum, verruca senilis, epithelioma and rodent ulcer and tuberculosis verrucosa cutis. These have been treated with good results with local applications of formalin.

To obtain satisfactory results in verruca vulgaris and condyloma acuminatum the thickened horny layer in the former is to be removed with 20 per cent. salicylic acid plaster and any fat present dissolved by benzine in both affections previous to the applications of formalin. In verruca a formalin swab is allowed to remain on the

place for a few moments. A slight burning is experienced, but is much less painful than the usual methods. One or two paintings are sufficient to effect a cure according to the writer's statements. The same procedure is followed in condylomata acuminata when situated on the scalp or body. Even in cases of condylomata acuminata on the genitals the author used pure formalin, covering the adjacent mucous membrane with a film of vaseline before the application. Only slight pain is experienced. Formalin cannot be used when the condyloma is upon the eyelid or canthus. Epithelioma and rodent ulcers were cleaned with peroxid of hydrogen and cocainized, then carefully dried and painted with pure formalin, particular attention being paid to the borders. Then the surface was quickly covered with a 1 per cent. carbolized vaseline. Very little pain is experienced; no crust forms under the vaseline. This procedure is repeated until complete healing is accomplished. In the author's experience formalin proves to be very penetrating, more rapid and less painful than other caustics.

No. 194.

INSOMNIA.

SLEEPLESSNESS.

TREATMENT:

The following for sleeplessness is recommended in "N. E. Med. Mon.":

℞ Dionin.....2 grains
 Sodii Bromidi.....4 drachms
 Aquæ Dest., to make.....3 ounces

M. Sig.—A tablespoonful in water at bed-time.

Indications—For insomnia with pains. Particularly suitable when morphine or opium causes headache and nausea.

℞ Amyleni Hydrati..... $\frac{1}{2}$ ounce
 Syr. Acaciæ..... $\frac{1}{2}$ ounce

M. Sig.—Teaspoonful and repeat in two hours if necessary to produce sleep.

Indications—Used in insomnia of alcoholism, nervous excitement, or uræmia.

℞ Morphinæ Sulphatis.....2 grains
 Chloralis.....2 drachms
 Syr. Acaciæ.....4 drachms
 Aquæ, to make.....3 ounces

M. Sig.—One teaspoonful in water and repeat in two hours if required.

Indications—Used in insomnia with pain and nervousness.

No. 195.

G A N G R E N E.

MORTIFICATION.

TREATMENT :

The following is recommended for the treatment of gangrene in “N. E. Med. Mon.”:

℞ Bromi.....4 drachms

M. Sig.—Apply to affected parts with glass rod after the removal of all sloughs.

Indications—Used in hospital gangrene.

℞ Acidi Nitrohydrochlorici.....4 drachms

M. Sig.—Apply to affected parts with glass rod after removal of all sloughs.

Indications—Used in hospital gangrene.

℞ Quininæ Hydrochloratis.....2 drachms
 Tinct. Ferri Chloridi.....1 ounce

M. For 24 capsules. Sig.—One capsule three times a day.

Indications—Used to prevent or combat pyæmic infection in moist gangrene.

℞ Creosoti.....40 minims
 Aquæ Dest., to make.....8 ounces

M. Sig.—Use freely as a spray every four hours.

Indications—Used in pulmonary gangrene.

No. 196.

DIPSOMANIAC THIRST.

UNQUENCHABLE THIRST.

TREATMENT:

The following formula is recommended by Farquharson in cases of abnormal thirst:

℞	Tinct. Nucis Vomicae	1½ drachms
	Tinct. Capsici	1½ drachms
	Acidi Nitrici Dil	7 drachms
	Aquæ, to make	2 ounces

M. Sig.—Small teaspoonful in half glass of water three times a day.

No. 197.

ANTIDOTE FOR FORMALDEHYDE.

In view of the fact that this chemical is coming more and more into general use as a disinfectant and antiseptic, cases of poisoning from it will become more frequent. We have an easily accessible and reliable antidote in ammonia water. It may be given in the form of ammonia water (a few drops well diluted) or the aromatic spirit, or a solution of ammonium acetate.—MERK'S ARCHIVES.

No. 198.

IMPOTENCE.

WEAKNESS; WANT OF SEXUAL POWER; INCAPABLE OF PROCREATING OR IMPREGNATING.

TREATMENT:

Wood recommends the following formula:

℞	Tinct. Cantharidis	2⅔ drachms
	Tinct. Ferri Chlor	6½ drachms
	Aquæ, to make	4 ounces

M. Sig.—One teaspoonful well diluted twice daily.

Bartholow prescribes the following:

- ℞ Ferri Arsenitis.....5 grains
 Ergotini (Aq. Ex.)..... $\frac{1}{2}$ drachm
 M. For 30 pills. Sig.—One pill night and morning.

The following is recommended by Prof. Da Costa:

- ℞ Ext. Cannabis Indicæ..... $7\frac{1}{2}$ grains
 Ext. Nucis Vomicæ..... $7\frac{1}{2}$ grains
 Ext. Ergotæ Aquosi.....1 drachm
 M. For 30 pills. Sig.—One pill morning and night.

Another favorite formula of Bartholow is the following:

- ℞ Tinct. Sanguinariæ.....3 drachms
 Ext. Stillingiæ.....5 drachms
 M. Sig.—Fifteen or twenty drops in water three times a day.

Potter prescribes:

- ℞ Pulv. Sanguinariæ.....1 drachm
 Ext. Ergotæ.....10 drachms
 M. For 40 pills. Sig.—One pill three times a day.

Gerhard prescribes extract of vanilla, 15 drops every evening at bed-time.

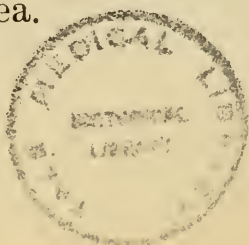
The following formula is recommended for the treatment of impotence in the "N. E. Med. Mon.":

- ℞ Phosphori..... $\frac{1}{4}$ grain
 Ferri Arsenitis..... $\frac{1}{2}$ grain
 Strychninæ Sulphatis..... $\frac{1}{2}$ grain
 Quininæ Hydrochlor.....24 grains
 M. For 24 pills. Sig.—One pill three times a day after meals.
Indications—Used in debilitated subjects.

Bartholow recommends the following:

- ℞ Auri et Sodii Chloridi.....1 grain
 Sodii Arsenitis..... $\frac{1}{2}$ grain
 Barii Chloridi.....4 grains
 Ext. Nucis Vomicæ.....12 grains
 Ext. Cannabis Indicæ.....6 grains
 M. For 24 pills. Sig.—One pill after each meal.

Indications—Used in debilitated subjects with spermatorrhœa.



No. 199.

CEREBRAL HEMORRHAGE.

HEMORRHAGE OF THE BRAIN.

TREATMENT :

Browning advocates the use of powerful quickly-acting muscular and vaso-depressants, such as gelsemium, aconite and veratrum. These are, of course, to be used at the seizure. Gelsemium is now pretty generally available, and is more convenient, as well as, presumably, more exact. The author begins with a dose of from one-tenth to one-eighth of a grain, and continues in one-twentieth of a grain doses. Aconite is the next alternative, and is efficient. His initial dose is from one-hundredth to one-fiftieth of a grain, the latter dose usually being required at first. For the headache he gives the coal-tar analgesics in small doses.

No. 200.

DYSPHONIA.

HOARSENESS.

TREATMENT :

The voice should be used as little as possible. The cause should be ascertained and removed if possible, and the following gargle can be employed in case of emergency when it is desired to use the voice in singing or speaking:

R	Acidi Tannici.....	40 grains
	Boroglycerin.....	1½ drachms
	Tinct. Capsici.....	20 minims
	Infusi Rosæ, to make.....	5 ounces

M. Sig.—Use frequently as a gargle.— M. M. J.

No. 201.

SCABIES.

ITCH.

TREATMENT:

Eichhorst states that the simplest remedy for the cure of itch consists in the following combination:

℞ Balsami Copaibæ..... $\frac{1}{2}$ ounce
 Liq. Styracis..... $\frac{1}{2}$ ounce

M. Sig.—Rub in the skin well morning and evening for two days, and on the third day take a hot bath and wash the skin with green soap.

The following is Herkheimer's ointment for the treatment of scabies:

℞ Birch Tar..... $1\frac{1}{4}$ drachms
 Sulphuris Precip..... $1\frac{1}{2}$ drachms
 Tinct. Saponis Viridis..... $2\frac{1}{2}$ drachms
 Vaselinei $2\frac{1}{2}$ drachms

M. Sig.—Apply locally, covering the affected region once a day for three or four days, following the last application by a warm bath.

Dr. Bointon reports a case of a young man who, having just recovered from an extensive scald of the arm, caught the itch. Colonies extended in all directions, and soon the young man suffered misery. About one application of the following ointment cured him, but he declared he was nearly frozen by the menthol:

℞ Menthol.....40 grains
 Ichthyol.....4 drachms
 Calcium Sulphide.....1 drachm
 Lanolin..... $1\frac{1}{2}$ drachms
 Oil Olive..... $1\frac{1}{2}$ drachms

M. Sig.—Apply as may be required.

No. 202.

OSTEOMALACIA.

SOFTENING OF THE BONES.

TREATMENT :

The following formulæ are recommended for the treatment of softening of the bones in "N. E. Med. Mon.":

℞ Oil Phosphorati.....2 drachms
Oil Morrhuæ.....3 ounces

M. Pone in capsulas No. 120. Sig.—One capsule three times a day after meals.

℞ Syr. Calcis.....3 ounces

M. Sig.—One-half teaspoonful in water after meals.

No. 203.

CHAPPED HANDS.

TREATMENT :

Dr. Hearn recommends the following ointment for healing chapped hands:

℞ Hydrarg. Oxidi Flavi.....2 grains
Balsami Peruvianæ.....10 grains
Vaselini..... $\frac{1}{2}$ ounce

M. Sig.—Apply to the hands night and morning. If there is itching present two grains of carbolic acid may be added to the ointment.

Some of the antiseptic solutions, and particularly the bichloride of mercury, have the objectionable feature of leaving the skin roughened and chapped. This effect may be very largely overcome by using once or twice daily, and especially at night, a mixture of:

℞ Glycerini.....1 ounce
Alcoholis.....1 drachm
Acidi Carbolicæ.....10 drops

M. Sig.—After bathing the hands in warm water and thoroughly drying, this simple combination should be well applied and "rubbed in" until the surfaces are quite dry. The softening, soothing action is prompt and satisfying.

Chapped hands resulting from causes other than the use of antiseptic solutions, and chapped lips and face, are equally benefited by this treatment.

No. 204.

TYMPANITES.

BLOATING OF LOWER BOWEL.

TREATMENT:

The following formula is recommended in the "Deutsche Medicinischrift Wochenschrift" for tympanites:

℞ Naphthol.....	25 grains
Magnesium Carbonate.....	25 grains
Pulv. Charcoal.....	25 grains
Oil Menth. Pip.....	10 drops

M. For 15 powders. Sig.—One powder to be taken when required.

The following is of great service to relieve the distress caused by gas collecting in the lower bowel:

℞ Mag. Sulph.....	2 ounces
Spir. Terebinth.....	1 drachm
Tinct. Asafoetidæ.....	1½ ounces
Mucilag. Acaciæ.....	1 ounce
Aq. Dest.....	1 pint

M. Sig.—As an injection by a high rectal tube.—JOUR. AMER. MED. ASSO.

No. 205.

OZÆNA.

A foul, stinking ulcer in the inside of the nostrils, discharging a purulent matter, and sometimes accompanied by caries (softening) of the bones.

TREATMENT :

The following formulæ are recommended for the treatment of ozæna in "N. E. M. M.":

℞ Acidi Carbolici.....4 minims
 Sodii Boratis..... $\frac{1}{2}$ drachm
 Sodii Bicarbonatis..... $\frac{1}{2}$ drachm
 Glycerini.....2 drachms
 Aq. Dest., to make.....4 ounces

M. Sig.—Use as spray several times a day.

Indications—Used to remove offensive discharge and prevent fetor.

℞ Formaldehyde 40 drops
 Aq. Dest.....60 drops

M. Sig.—One drop in a pint of warm water as a nasal douche twice a day.

Indications—Used to remove offensive discharge and prevent fetor. The strength of solution in formaldehyde should be gradually increased until slight smarting pains are noticed.

No. 206.

FISTULA IN ANO.

FISTULA IN THE ANUS.

A sinuous ulcer, having an external opening often leading to a larger cavity, and slow to heal. It is located in the cellular tissue about the anus or rectum. A fistula is termed blind when it has but one opening, and complete if it has two, communicating with an internal cavity, and with the surface.

TREATMENT :

The following treatments for fistula are recommended in "N. E. Med. Mon.":

℞ Argenti Nitratis.....15 grains
 Aq. Dest.....1 ounce

M. Sig.—Inject a few drops into the fistula daily.

Indications—Used to promote healing.

℞ Formaldehyde (40 per cent. sol.).....1 ounce

M. Sig.—Five to ten drops in half pint of water, and inject into fistula once daily.

Indications—Used as antiseptic to promote healing.

℞ Tinct. Iodi.....4 drachms

M. Sig.—Inject a few drops daily into the fissure with hypodermic syringe.

Indications—Used to promote healing by setting up acute inflammation.

℞ Hydrogen Peroxid.....6 ounces

M. Sig.—Inject into fistula once daily; dilute if necessary.—
DEM. MED. MON.

No. 207.

DERMATITIS.

INFLAMMATION OF THE SKIN.

TREATMENT :

Brown ("Post-Graduate") uses black wash in all cases of acute dermatitis. Insist upon the patient wrapping up the affected parts. When the vesicles have been ruptured in poison oak poisoning, resorcin, two per cent., is particularly good.

℞ Resorcin..... $\frac{1}{2}$ —1 drachm
Magnes. Carb..... $5\frac{1}{2}$ drachms
Zinci Oxid..... $5\frac{1}{2}$ drachms
Aq. Calcis.....1 ounce
Aq. Dest.....1 ounce

M. Sig.—Apply locally to affected parts.

Or the following may be used.

℞ Sodii Hyposulph..... $5\frac{1}{2}$ drachms
Sodii Borat..... $5\frac{1}{2}$ drachms
Aq. Dest.....6 ounces

M. Sig.—Apply locally to affected parts.

No others compare with these given, and black wash is preferable.

In dermatitis following ringworm of the scalp in children he uses the following:

℞ Acidi Carbolici.....10 grains
 Ungt. Picis Liq.....2 drachms
 Ungt. Acidi Borici.....6 drachms

M. Sig.—Spread upon a piece of gauze and apply to bald areas. After the dermatitis has subsided an application of chrysarobin or ointment of ammoniated mercury may be substituted.

No. 208.

EMPYEMA.

A collection of pus in the cavity of the chest.

TREATMENT :

℞ Strychnine Sulph.....1 grain
 Sacchari Lactis.....45 grains
 Alcohol, q. s. ad.

M. For 30 triturated tablets. Sig.—One tablet every four hours.

Indications—Used as respiratory stimulant after evacuating pus.

℞ Quininæ Sulph.....1 drachm
 Tinct. Ferri Chloridi, Fl.....4 drachms

M. Pone in capsulas No. 24. Sig.—One capsule three times a day.

Indications—Used as a tonic.

℞ Iodi.....3 grains
 Potass. Iodidi.....3 grains
 Aq. Dest.....16 ounces

M. Sig.—Used as wash for cavity after evacuation of pus.

Indications—Used as antiseptic. Inhalation of compressed air should be practised daily to expand the lung.

No. 209.

EMPHYSEMA.

A collection of air in the cellular texture under the skin, or beneath the pleural and interlobicular cellular tissue of the lung.

TREATMENT :

Prof. Niemyer advises the following formula in the treatment of emphysema :

℞ Oil Terebinth.....	1-4 drachms
Aq. Menth. Pip.....	4 ounces
Sacchari.....	$\frac{1}{2}$ drachm
Pulv. Acaciæ.....	$\frac{1}{2}$ drachm

M. Sig.— One tablespoonful every three hours.

No. 210.

LEAD COLIC.

TREATMENT :

Meigs prescribes the following in the treatment of lead colic :

℞ Powd. Opii.....	3 grains
Ext. Belladonna.....	1 grain

M. For 12 powders. Sig.— One powder every two hours for twenty-four hours and 30 grains Rochelle salt morning and evening for three or four days. The urgency of opening the bowels at once, he claims, is over-estimated.

Bartholow prescribes the following :

℞ Aluminis.....	2 drachms
Acid Sulph. Dil.....	1 drachm
Syr. Limonis.....	1 ounce
Aq. Dest.....	3 drachms

M. Sig.— A tablespoonful every one or two hours.

Indications— Used to relieve the violent pains of painters' colic.

The following is recommended for lead poisoning in "N. E. Med. Mon.":

℞ Magnesii Sulphatis.....2 ounces

M. Sig.—Dissolve in one-half pint of water and administer at one dose.

Indications—Used in acute poisoning to form insoluble compound of lead in the stomach and bowel.

℞ Potassii Iodidi.....2 ounces
Aq., to make Fl.....2 ounces

M. Sig.—Ten to twenty drops in milk or water three times a day after meals.

Indications—Used to eliminate the lead from the tissues in chronic lead-poisoning.

NO. 211.

BARBER'S ITCH.

TREATMENT:

The following combination is a serviceable one for the cure of barber's itch:

℞ Ichthyol.....35 grains
Sulphuris Precip.....2 drachms
Vaselini.....1½ ounces

M. Sig.—Apply to affected parts at night.—M. A.

℞ Acid Tannic.....45 grains
Lact. Sulph.....1½ drachms
Zinc Oxid.....2 drachms
Amyl.....2 drachms
Vaseline.....1 ounce

M. Sig.—Apply to affected parts twice daily.

In a month nothing remains of the eruption but a very slowly disappearing erythema.

No. 212.

SWOLLEN, PAINFUL JOINTS, ETC.

TREATMENT :

According to the "Medical Summary," for the relief of swollen, painful joints, sharp, shooting pains in the body and puffiness under the eyes, the following will be found useful :

R_x Acid Salicylic.....1 drachm
 Adipis.....1 ounce
 Lanolin.....1 drachm

M. Sig.—Rub well into the swollen joints night and morning, and take internally :

R_x Salol.....2½ drachms

M. For 30 triturated tablets. Sig.—One tablet two hours after each meal, and:

R_x Tinct. Strophanth.....4 drachms
 Tinct. Nucis Vomicae.....1 ounce

M. Sig.—Fifteen drops in half a glass of cool water after each meal.

No. 213.

PEMPHIGUS.

An eruption of vesicles (blisters) from the size of a pea to a walnut, generally accompanied by fever.

TREATMENT :

The following formulæ are recommended for the treatment of pemphigus in "N. E. Med. Mon.":

R_x Liq. Potass. Arseniatis.....1 ounce

M. Sig.—One drop in water after meals, and gradually increase to tolerance.

R_x Sodii Arseniatis.....1 grain
 Quininæ Hydrochloratis.....1 drachm
 Massæ Ferri Carbonatis.....½ drachm

M. For 30 pills. Sig.—One pill after each meal.

Indications—Used in anemic subjects.

R̄ Cocaine Hydrochlor.....10 grains
 Acid Carbolic.....4 drops
 Aq. Dest.....1 ounce

M. Sig.—Apply to affected parts for relief of pain.

R̄ Zinci Stearatis.....1 drachm

M. Sig.—Apply freely as a dusting powder.

Indications—Used for relief of pain and as drying powder.

No. 214.

SPRAINS.

TREATMENT :

R̄ Oil Terabinthinæ..... $\frac{1}{4}$ ounce
 Acidi Acetici..... $\frac{1}{4}$ ounce
 Oil Lavendulæ..... $\frac{1}{4}$ drachm
 Vitelli Ovi..... $2\frac{3}{4}$ ounces
 Aquæ, to make.....4 ounces

M. Sig.—Apply two or three times daily.—ST. LUKE'S HOSPITAL.

No. 215.

BUBOES.

The inflammatory swelling of a lymphatic gland, particularly in the groin or axilla (armpit).

TREATMENT :

Dr. Leuf recommends the following in the treatment of buboes:

R̄ Ichthyol..... $\frac{1}{2}$ drachm
 Ext. Belladonna, Fl..... $\frac{1}{2}$ drachm
 Tinct. Aconite..... $\frac{1}{2}$ drachm
 Ext. Hamamelis, Fl..... $\frac{1}{2}$ drachm

M. Sig.—Apply to bubo several times daily.

R̄ Emplastri Hydrarg.....2 drachms
 Emplastri Plumbi.....2 drachms
 Oil Terebinth.....1 drachm
 Ichthyoli, Fl.....2 drachms

M. Sig.—Apply to gland upon new unbleached muslin several times daily.

Indications—Used to abort inflammation in early stages.

R Cerati Plumbi Subacetatis.....2 ounces

M. Sig.—Apply freely to gland on new unbleached muslin.

Indications—Used in early stages to relieve pain and inflammation.

NO. 216.

LIENTERIC DIARRHŒA.

A species of diarrhœa in which the food passes rapidly through the bowels undigested.

TREATMENT:

The following is recommended for the treatment of lienteric diarrhœa in “Medical Summary”:

R Sodii Salicylat.....2 drachms
 Tinct. Opii Camph.....2 ounces
 Ext. Cannabis Indicæ.....1 drachm
 Syr. Rhei Aromat.....2 ounces
 Oil Myristicæ.....1 drachm
 Listerine, to make.....5 ounces

M. Sig.—Teaspoonful in water frequently repeated.

NO. 217.

TOBACCO AMBLYOPIA.

IMPAIRED VISION FROM THE USE OF TOBACCO.

TREATMENT:

The following treatment is recommended by Buxton:

R Liq. Hydrarg. Perchlor. (B. P.).....2 ounces
 Potassii Iodidi.....6 $\frac{1}{3}$ drachms
 Aq. Dest., to make.....4 ounces

M. Sig.—One teaspoonful in half-glass of water three times a day.

℞ Ext. Nucis Vom.....16 grains
 Ext. Hyoscyami.....32 grains

M. For 32 pills. Sig.—Take one pill with each dose of the first mixture.

No. 218.

LARYNGISMUS STRIDULOUS.

Spasms of the muscles closing the larynx or upper part of the windpipe, with hoarseness or creaking voice.

TREATMENT:

The following treatments are recommended in “N. E. Med. Mon.”:

℞ Potassii Bromidi.....24 grains
 Chloralis.....8 grains
 Syr. Acaciæ, Fl.....2 drachms
 Aq., to make.....1 ounce

M. Sig.—Teaspoonful in water every four hours.

Indications—Used to abort impending attack. A rectal injection as prescribed in No. 33, to evacuate the bowels, would be a valuable adjunct.

℞ Syr. Ferri Iodidi.....1 drachm
 Syr. Tolutani.....3 ounces

M. Sig.—Teaspoonful three times daily after meals.

Indications—Used in rickets and struma (scrofulous subjects) to prevent recurrence of attacks.

℞ Ext. Pancreati.....2 drachms
 Oil Morrhuæ.....1 ounce
 Syr. Hypophosphitis.....1 ounce
 Acaciæ.....4 drachms
 Liq. Calcis, to make.....8 ounces

M. Sig.—Shake, and take one to two teaspoonfuls three times a day two hours after meals.

Indications—Used in rickets and struma to prevent recurrence of attack.

No. 219.

TO REMOVE FRECKLES.

TREATMENT:

The following in "Amer. Med." is recommended for the removal of freckles:

℞ Hydrarg. Chloridi Corros.....15 grains
 Zinci Sulphatis.....15 grains
 Plumbi Acetatis.....15 grains
 Aq. Rosæ.....6½ ounces

M. Sig.—To be applied to face with absorbent cotton.

Or:

℞ Zinci Sulphocarb.....1 drachm
 Glycerini.....2½ ounces

M. Lotion. Sig.—Wash the face with this solution night and morning.

The following is recommended in "Med. News":

℞ Hydrarg. Chlor. Corros.....8 grains
 Zinci Sulphat.....7½ grains
 Plumbi Sulphat.....7½ grains
 Aq. Dest.....8 drachms

M. Sig.—Rub the skin with this solution for half a minute night and morning, allowing it to dry in the air. If this prove too irritating, use the lotion only at night and in the morning apply the following ointment:

℞ Zinci Oxidi.....75 grains
 Vaselinei.....1 drachm

M. Sig.—Apply as directed above.

No. 220.

PINK-EYE.

The attacks of pink-eye are sudden, usually coming on over night. The conjunctiva is highly congested and there is a profuse secretion and discharge from the eyes. With these symptoms are pain and smarting. The disease is highly contagious and spreads throughout whole

families when they use the same towels or occupy the same apartments; in fact, the malady appears to be an infectious conjunctivitis. The disease is very easily controlled. Mild washes of bichloride of mercury, or camphor water containing small amounts of morphia, are useful. Some of the formulæ used in the late epidemic in New York, and which proved of great service, are the following:

℞ Morphinae Sulphatis 2 grains
Aq. Dest.....2 ounces
Sodii Biboratis.....10 grains
Aq. Rose.....1 ounce

M. Mix in the order given. Sig.—Drop in the eye every four hours.

℞ Morphinae Sulphatis.....2 grains
Sodii Biboratis.....10 grains
Aq. Camphoræ.....2 ounces

M. et fiat collyrium. Sig.—Drop in eye every three or four hours.

℞ Morphinae Hydrochlor.....1 grain
Acidi Borici.....10 grains
Aq. Dest.....6 drachms
Aq. Rosæ.....2 drachms

M. Sig.—Drop in the eye every four hours.

Pink-eye is greatly aggravated by electric light, and many wear colored glasses and eye shields in order to protect the eye from direct rays of over-brilliant white light.—C. L. CLINIC.

No. 221.

MALARIAL HEPATITIS.

TREATMENT:

Lemanski advises the avoidance of alcohol as of prime importance in the treatment of malarial hepatitis. Arsenic, quinine, and the alkalis are of great service used as follows:

R Sodii Cacodylatis.....3 grains
 Pulv. Cinchonia.....96 grains
 Sodii Bicarb.....96 grains

M. For 24 capsules. Sig.—One capsule three times a day. He recommends at the same time free purgation and prescribes the following for that purpose :

R Hydrarg. Chlor. Mit.....3 grains
 Pulv. Cascara.....4½ grains
 Pulv. Rhei.....4½ grains
 Pulv. Belladonna.....1 grain

M. For 3 capsules. Sig.—One capsule every fifteen minutes in the morning.

No. 222.

BRONCHIAL SPASM.

TREATMENT:

According to the “Med. Fortnightly” the treatment of bronchial spasm, as in asthma, is climatic principally. He recommends the following combination in these spasmodic conditions:

R Potassii Iodidi.....2½ to 5 drachms
 Tinct. Lobeliæ.....10 drachms
 Spir. Glonoini (1 per cent.).....15 drops
 Elix. Pot. Brom. (10 per cent.) 4 ounces

M. Sig.—Take one teaspoonful three times a day after meals. This dose may be gradually increased if necessary.

No. 223.

TINNITUS AURIUM.

RINGING IN THE EARS.

TREATMENT:

The following is recommended in “N. E. Med. Mon.”:

R Acidi Hydrobromici Dil.....4 ounces

M. Sig.—One teaspoonful in water after meals.

Indications—Used when central nervous system (brain, spinal cord, and sympathetic ganglia) is affected.

℞ Ext. Cimicifugæ.....1 ounce

M. Sig.—Thirty drops in water after each meal.

Indications—Used in tinnitus aurium. Particularly applicable in rheumatic and gouty subjects.

No. 224.

TINEA CAPITIS.

SCALDHEAD.

TREATMENT:

Dr. Brown, in "Post Graduate," recommends the following application for scaldhead:

℞ Acidi Salicylici.....10 grains
 Chrysarobini.....10 grains
 Ichthyol.....1 drachm
 Lanolini..... $\frac{1}{4}$ ounce
 Vaselini..... $\frac{1}{4}$ ounce

M. Sig.—Shave the parts and rub it over the whole surface. At the end of three days the head should be washed and some emollient salve applied to check the dermatitis. In a few days the former salve may be reapplied. The treatment should be kept up for a month or six weeks.

Dr. Harrison uses two sets of agents. First, a solvent, by the action of which the fungus is exposed in its hiding places on the cuticle and hair follicles; and, second, a parasiticide to come in contact with and destroy the fungus.

For the first he prescribes a solution of liquor potassæ, spir. wine and iodide of potassium; for the second, a solution of mercuric chloride in spirits and water.

After the application of the first solution the softening action of the alkali allows the iodide to soak into the parts, afterward combining with the mercuric solution, forming in the tissues about the fungus a very excellent parasiticide, the biniodide of potassium.

Ointments are better, however, because of the fact that they are more readily applicable, and are longer re-

tained in contact with the affected parts, and accordingly he uses :

R	Caustic Potash.....	9 grains
	Carbolic Acid.....	24 grains
	Lanolin.....	$\frac{1}{4}$ ounce
	Cocoa Nut Oil.....	$\frac{1}{4}$ ounce

M. Rub well together and add some essential oil if desired. Sig.
— Apply night and morning.

No. 225.

FOREIGN BODIES IN STOMACH.

Two cases are reported by Boreham, one being that of a woman who had swallowed a tooth plate, and the other that of a man who had swallowed a pin. He gave one dose of ammonium bromide (20 grs.), and then placed the patients on a diet of bran and coarse porridge, with small pieces of thread in large quantities. In both instances the bodies were safely voided in two days. He advises a restricted use of fluids during the treatment, and confining of the bowels somewhat by the use of opium.

No. 226.

SYCOSIS.

An eruptive disease, in which there are inflamed and somewhat hard tubercles clustering together in irregular patches about the beard and on the scalp.

TREATMENT :

Dr. Hodara, of Constantinople, employs the following:

R	Lanolin	10 parts
	Vaselin	10 parts
	Glycerin	10 parts
	Sugar	20 parts
	Sulphur.....	10 parts
	Zinc Oxid.....	20 parts

M. Sig.—Apply a thick layer to the affected parts night and morning. When the pustules have fully dried up and the crusts have all been removed, it is sufficient to apply it at night only.

He has employed the above paste satisfactorily in various skin diseases, but finds it particularly effective in the treatment of sycosis.

No. 227.

TRICHINOSIS.

A species of minute worms found in the muscles, and caused by eating raw or underdone, measly, or unhealthy pork.

TREATMENT:

The following treatment is advised in the “N. E. Med. Mon.”:

R̄ Tetramethyli Thionin-Chloridi.....24 grains
Cerati Resinæ.....40 grains

M. For 24 capsules. Sig.—One capsule every four hours.

Indications—Used in intermediate stage.

R̄ Salol.....1½ drachms
Tetramethyli Thionin-Chloridi.....30 grains

M. For 30 capsules. Sig.—One capsule every four hours.

Indications—Used in intermediate stage.

No. 228.

GASTROPATHIES OF CARDIAC ORIGIN.

Cardiac lesions are often complicated by gastric troubles of more or less gravity, which, as stated by Vallettin, appear in about 20 per cent. of the cases. According to his statement these disturbances appear in order of frequency in mitral, aortic, myocarditic, and pericarditic

lesions. In a majority of these cases the symptoms are anorexia, obstinate vomiting, and sometimes hematemesis; which in turn may aggravate a heart lesion. A milk diet, under such circumstances, should be resorted to, and the following bitter stomachic and tonic administered:

℞ Tinct. Nucis Vom.....1 drachm
 Tinct. Gentianæ.....2 drachms
 Tinct. Rhei Comp.....2½ drachms
 Aq. Laurocerasi.....2½ drachms
 Aq. Menth. Pip., to make.....3 ounces

M. Sig.—One teaspoonful in weak tea before eating. During the gastralgic attack the following preparation is of benefit:

℞ Cocaine Hydrochlor.....8 grains
 Aq. Aurantii.....1 ounce
 Aq. Chloroformi.....2½ ounces
 Aq. Dest.....1½ ounces

M. Sig.—One to three teaspoonfuls in soup at the beginning of the attack.

No. 229.

VERTIGO.

DIZZINESS OR SWIMMING OF THE HEAD.

TREATMENT:

The following treatment for dizziness is recommended in "N. E. Med. Mon.":

℞ Potassii Bromidi.....4 drachms
 Syr. Aurantii Cort., Fl.....4 drachms
 Aquæ, to make.....3 ounces

M. Sig.—One teaspoonful three times a day.

Indications—Used in aural vertigo, and also in vertigo from insomnia and overwork.

℞ Spir. Glonoini.....1 drachm

M. Sig.—One drop in water three times a day, to be gradually increased until temporal headache.

Indications—Used in aural vertigo.

℞ Sodii Bromidi.....2 drachms
 Antipyrini.....1 drachm

M. For 12 compressed tablets. Sig.—One tablet three times a day.

Indications—Used in aural vertigo.

No. 230.

PURPURA.

A disease in which there are small distinct purple specks and patches, with general debility, but not always with fever.

TREATMENT :

The following is recommended for purpura :

℞ Potassii Iodidi.....1 ounce
 Aq. Bull., to make, Fl.....1 ounce

M. Sig.—Five to twenty drops in milk three times a day after meals.

Indications—Used in rheumatic purpura.

℞ Calcii Chloridi.....4 drachms
 Aquæ.....6 ounces

M. Sig.—Tablespoonful in water three times a day. The patient should eat freely of gelatin.

Indications—Used in severe and obstinate cases.—
 PRACTITIONER.

No. 231.

PHLEGMATIA DOLENS.

MILK LEG.

TREATMENT :

Dr. Preston prescribes the following:

℞ Ext. Hamamelis, Fl.....1 ounce
 Elix. Simp..... $\frac{1}{4}$ ounce
 Syr. Simp..... $\frac{1}{4}$ ounce

M. Sig.—One to two teaspoonfuls internally three or four times a day.

For a local application Dr. Smith prescribes the following:

℞ Ext. Belladonnæ, Fl. 1 drachm
 Tinct. Opii. 1 ounce
 Tinct. Iodi. 1 drachm
 Oil Olivæ. 8 ounces

M. Sig.—Apply to the leg as hot as can be borne and bandage.

No. 232.

MENTAL STRAIN.

TREATMENT :

According to Romme, the only rational treatment is to remove the cause. Where this is impossible, in addition to hydrotherapy and massage give pil. strychninæ arseniatis, 0.001 mgm. at a dose twice daily, and one of the following pills:

℞ Zinci Phosphid. cgm. 0.80
 Pulv. Gum Arabic. gm. 1
 Pulv. Glycyrrhizæ. gm. 3
 Mellis, q. s. ad.

M. For 100 pills. Coat with silver and keep dry in dark bottle.
 Sig.—One pill at breakfast or dinner.

This can be kept up for a long time, but if strain is continuous it is best after a time to give the strychnine pill every second day and the zinc pill every fourth day.

No. 233.

BRYONIA AS A REMEDIAL AGENT.

W. N. Mundy says that bryonia is the remedy for inflammations of serous membranes wherever located. In pleurisy, whether acute or chronic, it is our best

remedy. It not only allays pain, but it limits exudation and hastens absorption. In pleurodynia or intercostal neuralgia, it is equally efficient. In pneumonia, with or without the involvement of the pleura, we have no better remedy. Usually it is combined with or alternated with the *sp. veratrum*, or the indicated sedative. In rheumatism it has a well deserved reputation. We find it most frequently indicated in acute rheumatism or arthritis. The joints are swollen, tender, and painful, and the pain is aggravated by the least motion. Frequently *bryonia* is indicated in coughs. The cough is short, sharp, and dry, producing sharp pleuritic pains. It is usually combined in this condition with other indicated remedies. The dose of *sp. bryonia* should always be small. Dr. Mundy does not use more than 10 drops to 4 ounces of water, teaspoonful every hour or two. It may be used in alternation or combined with other remedies.

No. 234.

OTORRHŒA.

BLEEDING EAR.

TREATMENT:

Hinton prescribes the following for bleeding of the ear:

R	Goulard's Ext.	20 drops
	Acid Acetic Dil.	.6 drops
	Wine of Opium.	20 drops
	Aq. Dest.	7½ drachms

M. Sig.—Drop into the ear several times daily ten drops of this mixture, previously warmed.

No. 235.

DISCHARGE FROM THE EAR WITH DEAFNESS.

TREATMENT :

Remley recommends the following in the treatment of a running ear with deafness :

℞ Oil Mullein..... $\frac{1}{2}$ drachm
 Pulv. Acidi Borici..... $\frac{1}{2}$ drachm
 Pilocarpine Muriatis.....4 grains
 Glycerini.....1 drachm

M. Sig.—One drop in the ear three times a day. Syringe out the ear each morning with warm water.

No. 236.

ABSCESS.

TREATMENT :

The following treatment is recommended in the treatment of abscesses :

℞ Guaiacoli.....30 minims

M. Pone in capsulas No. 30. Sig.—One capsule three times a day after meals.

Indications—Used to control extensions and to cause cessation and absorption of tubercular or cold abscess. Valuable only when continued for a long period of time, the part being kept at rest.—P. P.

No. 237.

HYDROPHOBIA.

TREATMENT :

The following treatment is advised in the “N. E. Med. Mon.” :

℞ Chloroform.....3 ounces

M. Sig.—Administer by inhalation in sufficient quantities to control convulsions.

Indications—Used to control convulsions.

℞ Curare.....1 grain
Aq. Dest.....1 drachm

M. Sig.—Ten to twelve drops administered hypodermically with caution and as frequently as required to prevent and control convulsion.

Indications—To be employed in convulsive stage. The only known specific is Pasteur's attenuated virus.

No. 238.

SEXUAL IRRITABILITY OF THE MALE.

Sander states that sexual irritability in the male may be classified as belonging to the lithemic type, the nervous type, and the third class comprises those in which gonorrhœa has been an efficient cause. For the first and second classes he recommends moderate exercise in the open air. The diet of the lithemic should be properly regulated, avoiding too much tea, coffee, and alcohol. Fish and poultry are good. To aid elimination he prescribes:

℞ Sodii et Potass. Tartratis.....2 ounces
Acidi Pot. Tartratis.....1 ounce

M. Sig.—One teaspoonful in water upon rising.

To allay the sexual passion of the neurasthenic, one drachm doses of fluid extract of salix nigra at bed-time are usually effective. For the nervous system:

℞ Liq. Potassii Arsenitis.....1 drachm
Ext. Ergotæ, Fl.....3 drachms
Tinct. Capsici.....10 minims
Glycerini.....1 ounce
Aq., to make.....8 ounces

M. Sig.—One tablespoonful three times a day.

No. 239.

DEAFNESS DEPENDING UPON A DEFICIENT SECRETION OF CERUMEN.**TREATMENT :**

Waring prescribes the following for deafness when due to a deficiency in the secretion of cerumen :

℞ Oil Amygdal..... $\frac{1}{2}$ ounce
Oil Terebinth.....40 drops

M. Sig.—A few drops into the ear or introduce on small piece of cotton once daily.

No. 240.

SLOUGHING PHAGEDÆNA.

A malignant ulcer which spreads very rapidly.

TREATMENT :

Erichsen recommends the following internal medication for sloughing ulcer:

℞ Ammon. Carb.....5 grains
Potass. Chlorat.....1 scruple
Tinct. Cinchon. Comp.....1 drachm
Decoct. Cinchon..... $1\frac{1}{2}$ ounces

M. Ft. haustus. Sig.—To be taken every four to six hours.

No. 241.

VARICOCELE.

A swelling of the veins of the scrotum or of the spermatic cord. Also any tumor originating in a varicose vein.

TREATMENT :

The following treatment is recommended for varicocele in "N. E. Med. Mon.":

℞ Ergotini.....6 grains
Aq. Dest., Fl.....2 drachms

M. Sig.—Inject twenty drops along the side of the enlarged vein each day.

Indications—Cold douche to perineum and scrotum daily. Support scrotum in suspensory bandage, and keep bowels relaxed.

No. 242.

SWEATING HANDS.

TREATMENT:

The “Journal de Medicine de Paris” gives the following formula:

℞ Borax.....2 drachms
Acid Salicylic.....2 drachms
Acid Boric.....1 drachm
Glycerin.....1 ounce
Alcohol Dilute.....1 ounce

M. Sig.—Apply with friction three or four times a day.

No. 243.

LOW FEBRILE AFFECTIONS.

TREATMENT:

In affections which produce a low grade of fever Hodgson prescribes the following:

℞ Spir. Æther Nit.....1 ounce
Liq. Ammon. Acet.....4 ounces
Ammon. Carb.....1 drachm
Aq. Camph.....2½ ounces
Tinct. Scillæ.....½ ounce

M. Sig.—Two small tablespoonfuls in water three times a day.

No. 244.

BURSÆ OF THE KNEE.

TREATMENT :

Bjorkman recommends the following local applications in the treatment of bursæ of the knee where surgery cannot be employed :

℞ Ichthyoli.....1 drachm
Ungt. Kalii Iodati.....1 ounce

M. Ft. unguentum. Sig.—Rub in well three times a day.

Or:

℞ Ichthyoli.....1 drachm
Oil Ricini..... $\frac{1}{2}$ drachm
Spir. Etheris.....45 grains
Acidi Salicylici.....15 grains
Collodii, to make.....1 $\frac{1}{2}$ ounces

M. Sig.—Apply with a small brush once or twice daily.

No. 245.

NUX VOMICA.

Nux vomica used specifically becomes an invariable remedy. Five drops of nux vomica in half a glass of water, a teaspoonful every half hour. In atonic, gastric, and intestinal troubles, tongue coated, pasty, yellow, pale; pale mucous membranes, nausea, vomiting; acute pain in the umbilicus (navel), with pale circles around the mouth; general inactivity, indisposition, and feebleness. These are the indications for the remedy.

No. 246.

DEBILITY WITH PROFUSE SWEATING.

TREATMENT :

Clark prescribes the following mixture in debility and profuse sweating:

℞ Acidi Sulph. Dil.....3 drachms
 Syr. Aurantii.....1½ ounces
 Aq. Cinnamomi.....1 ounce

M. Sig.—One teaspoonful in cup of water twice a day.

No. 247.

FIBROID TUMOR.

TREATMENT :

Goodell recommends the following combination in treatment of fibroid tumor:

℞ Ammonii Chloridi.....2½ drachms
 Fl. Ext. Ergotæ.....½ ounce
 Aq. Ment. Pip.....1½ ounces

M. Sig.—One teaspoonful three or four times daily.

No. 248.

EPITHELIAL CANCER.

TREATMENT :

M. Vignat, in the treatment of epithelial cancer, begins with the following solution:

℞ Orthoformi.....15 grains
 Acidi Arseniosi.....1½ grains
 Alcoholis.....1 drachm
 Aq. Dest.....1 drachm

M. Sig.—To be applied locally.

The proportion of arsenic may be increased until the following strength is reached:

℞ Orthoformi.....	7½ grains
Arseniosi Acidi.....	7½ grains
Alcoholis.....	5 drachms
Aq. Dest.....	5 drachms

M. Sig.—To be applied locally.

The orthoform is added in order to lessen the severity of the pain produced by the escharotic effect of the arsenic. Solutions of still higher strength may be gradually substituted for the foregoing. After the crust has fallen off, the wound is irrigated with the following:

℞ Orthoformi	1 grain
Glycerini	1 drachm

M. Sig.—To be applied locally.

No. 249.

ENTERALGIA.

NERVOUS PAIN IN THE BOWELS.

TREATMENT:

The following mixture is recommended for the relief of nervous pains of the bowels in “N. E. Med. Mon.”:

℞ Spir. Ammoniaë Aromat.....	½ ounce
Spir. Chloroformi.....	½ ounce
Spir. Camphoræ.....	2 drachms
Tinct. Hyoscyami.....	4 drachms
Ext. Cannabis Indicaë, Fl.....	1 drachm
Tinct. Cardamomi comp., q. s. ad	6 ounces

M. Sig.—Two teaspoonfuls in water every hour or two until pain is allayed.

No. 250.

SCROFULOSIS.

TREATMENT :

Chrystie, in "System of Pract. Ther.," places cod-liver oil first in the list of medicinal agents in the treatment of scrofulosis. He recommends the following excellent emulsions :

℞	Oil Morrhuæ.....	6 ounces
	Oil Gaultheriæ.....	1 drachm
	Mucilag. Tragacanthæ.....	2 ounces
	Aq. Aurantii Flor., to make.....	12 ounces

M. Sig.—From a dessertspoonful to a tablespoonful three times a day.

Or :

℞	Oil Morrhuæ.....	6 ounces
	Oil Gaultheriæ.....	1 drachm
	Spir. Chloroformi.....	2 drachms
	Glycerini.....	2½ drachms
	Yolk of Egg.....	2½ drachms
	Aq. Aurantii Flor., to make.....	12 ounces

M. Sig.—One dessertspoonful to a tablespoonful three times a day. The second mixture is not so thick as the first and for that reason is preferred.

SUPPURATING SCROFULOUS ULCERS—

Hare recommends calcium phosphate in suppurating scrofulous ulcers. Owing to its more ready solubility, he prescribes the lactophosphate of calcium in the following combination :

℞	Syr. Ferri Iodidi.....	1 drachm
	Oil Morrhuæ.....	½ ounce
	Syr. Calcii Lactophos.....	½ ounce
	Aq. Calcis, to make.....	4 ounces

M. Sig.—Shake well and take from two to three teaspoonfuls after each meal.

No. 251.

A CURE FOR THE TOBACCO HABIT.

The inner fresh bark of white poplar chewed or the powdered bark may be mixed with sugar and extract of licorice and compressed into tablet containing five grains of the bark. A tablet is to be allowed to dissolve in the mouth whenever a desire is experienced to smoke or chew.

No. 252.

NERVINE TONIC.

The following combination is recommended by Brown as being an excellent nervine tonic:

℞	Asafoetidæ.....	1 drachm
	Acidi Arseniosi.....	$\frac{1}{4}$ grain
	Strychninæ Sulph.....	$\frac{1}{4}$ grain
	Ext. Sumbul.....	$1\frac{1}{2}$ scruples
	Ferri Subcarbonatis.....	2 scruples
	Quininæ Valerianatis.....	1 scruple

M. For 24 capsules. Sig.—One capsule three times a day after meals.

No. 253.

MALARIAL HÆMATURIA.

TREATMENT :

The following formula is recommended by Draper for malarial hæmaturia :

℞	Tinct. Nucis Vomicæ.....	15 minims
	Tinct. Iodi.....	15 minims
	Tinct. Hyoscyami.....	1 drachm
	Fl. Ext. Buchu.....	1 ounce
	Sodii Sulph. (Sat. Sol.).....	2 ounces

M. Sig.—One teaspoonful every two or three hours.

No. 254.

HYPOCHONDRIASIS.

LOW SPIRITS.

TREATMENT :

Bartholow recommends the following combination:

℞ Auri Chloridi.....1-1½ grains
Ext. Gentian.....15 grains

M. For 30 pills. Sig.—One pill three times a day.

Indications—Used in anemic cases.

Ringer prescribes:

℞ Potassii Bromidi.....½ ounce

M. For 12 powders. Sig.—One powder in half a glass of water three times a day.

Lemate-Piquot recommends the following:

℞ Liq. Potassii Arsenitis.....40 minims
Tinct. Opii.....½-1 drachm
Aq. Menth. Pip., to make.....1½ ounces

M. Sig.—One teaspoonful three times a day.

Indications—Used in cases of gloomy fancies.

No. 255.

FISSURES (CRACKS) OF THE HANDS.

TREATMENT :

The following is recommended by Steffen as an ointment for the treatment of fissures or cracks of the hands:

℞ Menthol.....20 grains
Salol.....¼ drachm
Oil Olivæ.....¼ drachm
Lanolini.....2 ounces

M. Sig.—To be applied to fissures twice a day.

Dr. Hyde employs the following for chapped or cracked hands:

R	Tinct. Benzoini.....	1½ ounces
	Tinct. Tolutani.....	75 minims
	Glycerini.....	½ ounce
	Spir. Vini Recti.....	3 ounces
	Aq. Rosæ, to make.....	6 ounces

M. Sig.—Wash the hands thoroughly in warm water and apply locally night and morning.

No. 256.

LARYNGITIS.

TREATMENT:

The following combination is recommended by Merk's "Archives" in the treatment of acute laryngitis:

R	Potass. Cit.....	4 drachms
	Dionin.....	6 grains
	Tinct. Aconite.....	24 minims
	Spir. Etheris Nitrosi.....	3 drachms
	Syr. Tolutani.....	3 drachms
	Aquæ, to make.....	3 ounces

M. Sig.—One teaspoonful in water every two hours.

Indications—Used to relieve cough, fever, and hoarseness.

R	Potass. Bromidi.....	4 drachms
	Vini Cocæ, Fl.....	8 ounces

M. Sig.—Tablespoonful every four hours.

Indications—Used in acute and subacute cases to relieve cough and hoarseness.

R	Thymol.....	15 grains
	Eucalyptol.....	20 grains
	Creosoti.....	2 drachms
	Oil Gaultheriæ.....	1 drachm
	Oil Pini Sylvestris.....	5 drachms

M. Sig.—Inhale five or six drops four or five times a day.

Indications—Used in chronic laryngitis.—M. A.

No. 257.

CHRONIC LARYNGO-TRACHITIS.

TREATMENT :

Ingals prescribes the following in the treatment of chronic laryngo-trachitis:

℞ Formalin.....15 minims
Menthol $\frac{1}{2}$ drachm
Tinct. Iodi 2 drachms
Alcohol.....1 ounce

M. Sig.—Inhale four or five times daily.

No. 258.

PREVENTION OF TOXIC EFFECT OF COCAINE.

Dr. Gluck states that the formula he has been using is as follows:

℞ Phenol.....2 drops
Aq. Dest.....1 drachm

Shake until the solution is perfect, then add:

℞ Cocaine Hydrochlor.....10 grains

He has been using the formula for several years and since using it has never had to deal with the toxic effect of the drug. In fact he has been able to use it in any quantity and in any part of the nose or throat without the least fear of harmful consequences.

No. 259.

SORE THROAT.

TREATMENT :

The following is recommended for sore throat in “N. E. Prescription”:

℞ Listerine.....2 ounces
Tannici Acidi.....1 scruple
Glycerini.....1 ounce
Aquæ.....3 ounces

M. Sig.—Use as a gargle every three to four hours.

In malignant sore throat, Dr. Brande prescribes the following:

℞	Acidi Hydrochlor.....	1½	drachms
	Decocti. Cinchonæ.....	1¾	ounces
	Inf. Rosæ Comp.....	1¾	ounces
	Mel. Rosæ.....	1	ounce

M. Sig.—Use as a gargle every two to three hours.

In the treatment of sore throat, “The Leucocyte” gives the following:

℞	Potass. Bichromate.....	5	grains
	Biniodide.....	5	grains
	Sacchari Lactis.....	3	ounces
	Tinct. Belladonna.....	15	drops

M. Mix and triturate very thoroughly and keep in a well-corked bottle away from the light. Sig.—One to five grains every two to four hours.

This is applicable in the treatment of many affections of the throat; in fact, will benefit and cure a larger percentage than any prescription the writer ever used.

It will cure quickly follicular tonsillitis, and is about as helpful as anything in the parenchymatous (quinsy) variety. Given early, it will prevent abscess from forming; and in some cases—a few of which the writer has a record—where suppuration occurred every year quite regularly, as it does with some, the remedy proved curative, and there has been no return since using it. The sore throat of scarlet fever, particularly when membrane forms, succumbs to its influence.

For diphtheria it is especially efficacious, and, in pre-antitoxin days, was the basis of the writer’s treatment in all cases; and he is not yet fully satisfied that time will not prove it still worthy of the first place and the most reliable.

No. 260.

MALARIAL TOXÆMIA.

TREATMENT :

The following method in "Medical Summary," gave the writer excellent results in a case of malarial toxæmia with sallow skin, furred tongue, bitter taste, profuse sweats, cough, pain in right shoulder, also pain and tenderness in right hypochondrium and congestion of the liver :

℞ Salol.....15 grains
Quinine Sulph.....15 grains

M. For 12 capsules. Sig.—One capsule every three hours while awake, and the following given night and morning :

℞ Pulv. Ipecac.....4 grains
Ext. Colocynth Comp.....12 grains
Mass. Hydrarg.....24 grains

M. For 12 pills. Sig.—One night and morning.

No. 261.

NERVOUS MALADIES AND MENTAL DEPRESSION.

TREATMENT :

Robin, in "Journal de Medecine de Paris," recommends :

℞ Glycerophos. of Lime.....90–180 grains
Pulv. Nux Vomica.....9–18 grains

M. For 30 powders. Sig.—One three times a day.

Kahane prescribes :

℞ Glycerophos. of Sodium.....375 grains
Aq. Dest.....375 grains
Aq. Aurantii Flores.....375 grains
Syr. Aurantii Cort.....450 grains

M. Sig.—One coffeespoonful three times a day.

No. 262.

TO PREVENT LOOSENING OF THE TEETH.

TREATMENT :

Quinsart prescribes the following:

℞ Acid Tannic.....	2 drachms
Tinct. Iodi.....	75 drops
Potass. Iodi.....	16 grains
Tinct. Myrrhæ.....	75 drops
Aquæ.....	6½ ounces

M. Sig.—A teaspoonful in a third of a glass of warm water to bathe the gums with two or three times daily.

No. 263.

SOOTHING OINTMENT FOR PAINFUL SORES.

The “Clinica Moderna” gives the following formula :

℞ Benzoinated Lard.....	40 parts
Laudanum.....	4 parts
Chloroform	3 parts
Ext. Belladonna.....	2 parts
Ext. Cicuta.....	1 part

M. Sig.—Apply to the sore as may be required to relieve the pain.

No. 264.

INSECT BITES.

TREATMENT :

Dr. Bernbeck prescribes:

℞ Flexible Collodion.....	2½ drachms
Acid Salicylic.....	15 grains

M. Sig.—Apply.

Or :

℞ Collodion.....	2½ drachms
Mercuric Chloride.....	15 grains

M. Sig.—Apply locally to arrest pain and abort inflammation.

No. 265.

CARCINOMA.

CANCER.

TREATMENT:

Ormsby's ointment for carcinoma of mammæ (cancer of breast):

℞ Pyoktanin (Blue).....15 grains
Lanoline.....1 ounce

M. Divide into 7 equal parts. Put up in tin boxes. Sig.—Apply one boxful of the ointment, spread on cloth (or leather), every morning; bind and keep on all day and night.

French prescribes the following for the treatment of cancer of the throat:

℞ Pyoktanin.....1 drachm
Chloroformi, q. s. ut. solv.
Benzoinol.....4 ounces

M. Sig.—Spray the throat at intervals of one or two hours.

The following formulæ are recommended as antiseptic washes for incurable cancers in "N. E. M. M.":

℞ Formaldehyde (40 p. c. sol.).....8 drops
Aq. Hydrogenii Dioxidi.....16 ounces

M. Sig.—Used as a wash in local cancers every two hours to prevent fetor.

℞ Potassii Permanganatis.....2 ounces

M. Put in a wide-mouth glass-stoppered bottle. Sig.—Half teaspoonful in a quart of water as a wash to control putrefactive changes.

Bougard's cancer paste:

℞ Wheat Flour.....30 parts
Starch Po.....30 parts
Arsenious Acid.....1 part
Cinnabar.....1 $\frac{2}{3}$ parts
Sal Ammoniac.....1 $\frac{2}{3}$ parts
Corrosive Sublimate.....1 $\frac{2}{3}$ parts
Solution Chloride Zinc.....24 $\frac{5}{8}$ parts

M. Rub each ingredient separately, and then together, in an earthen vessel, and add the solution of the chloride of zinc drop by drop. Sig.—Apply locally.

No. 266.

HICCOUGH.

TREATMENT :

Noyer ("Progress Medicales") reviews the various modes of treating obstinate hiccough. He alludes to galvanization of the phrenic nerve; to the application of a faradic current to the epigastrium (Erb's method); the compression of the left phrenic nerve (Leloir's method); to the forcible elevation of the hyoid bone by the fingers (Nothnagel's method); and finally to the vigorous traction of the tongue (Laborde's method). He prefers the latter on account of its simplicity and efficiency. It has given excellent results in his hands. In a nervous girl, aged six years, who was completely exhausted by hiccough of over six hours' duration, drawing out the tongue and holding it protruded for a minute gave immediate relief. In a second case, a patient with advanced diabetes complicated with tuberculosis, hiccough which had already lasted several days and which had resisted all other remedial measures, promptly yielded to the drawing out of the tongue for a period of about two minutes. This procedure is not altogether new, but is not, we think, sufficiently appreciated.

The following combination is recommended in cases of hiccough due to disturbances of the stomach:

R	Sodii Bicarb.....	4 drachms
	Tinct. Nucis Vom.....	1 drachm
	Spir. Chloroformi.....	2 drachms
	Tinct. Capsici.....	1 drachm
	Tinct. Gent. Comp., to make.....	4 ounces

M. Sig.—One teaspoonful in water after each meal.—JOUR. A. M. A.

In prolonged hiccough Sir Morrel Mackenzie gives a pinch of snuff or pepper, or tickles the nostrils to cause a paroxysm of sneezing, which, he claims, gives instant relief.

No. 267.

VOICE LOZENGES.

After using many kinds of troches, Hinkle has adopted the following formula as the best for a "voice lozenge" in the ordinary hoarseness of singers and speakers:

℞	Cubebs.....	15½ grains
	Benzoic Acid.....	11½ grains
	Muriate of Cocaine.....	½ grain
	Powd. Tragacanth.....	8¾ grains
	Ext. of Licorice.....	17½ grains
	Sugar.....	455 grains
	Eucalyptol.....	8¾ minims
	Oil of Anise.....	¾ minim
	Black Currant Paste, to make.....	700 grains

M. For 35 lozenges. Sig.—A small piece may be made to dissolve in the mouth just before any considerable vocal exercise.

No. 268.

SLEEPING POTION.

Pouchet prescribes the following:

℞	Morphine Hydrochlor.....	⅙ grain
	Aq. Chloroformi Sat.....	½ ounce
	Aq. Aurantii.....	½ ounce
	Syr. Simpl.....	½ ounce

M. Sig.—Take one-half as sleeping potion.

Or :

℞	Potassii Brom.....	½ drachm
	Aq. Chloroformi Dil.....	3 ounces
	Aq. Aurantii.....	1 ounce
	Syr. Simpl.....	5 drachms

M. Sig.—Dose as directed.

Dilute chloroform water is prepared by mixing the saturated solution with an equal quantity of distilled water.

No. 269.

GERMAN COUGH SYRUP.

A preparation somewhat resembling Boschee's German syrup is made by this formula:

℞	Oil of Tar.....	1 drachm
	Magnesium Carbonate.....	180 grains
	Fl. Ext. of Wild Cherry.....	6 drachms
	Fl. Ext. of Ipecac.....	2 drachms
	Tinct. Opium.....	2 drachms
	Aquæ	8 ounces
	Sugar.....	12½ ounces

Rub the oil thoroughly with the magnesium salt in a mortar; mix the fluid extracts with the water, and rub with the mixture in the mortar, filter and dissolve the sugar in the liquid, without heat; lastly, add the tincture.

No. 270.

ALKALINE URINE.

TREATMENT:

Richmond's formula for alkaline urine:

℞	Acidi Borici.....	2½ drachms
	Ext. Uva Ursi, Fl.....	1½ drachms
	Ext. Hyoscyami, Fl.....	1½ drachms
	Ext. Lupulini, Fl.....	1½ drachms
	Syr. Zingiberis	2 drachms
	Aquæ, to make.....	6 ounces

M. Sig.—Two teaspoonfuls in water before meals.

No. 271.

TONIC FOR CONVALESCENTS.

Recommended by Gaillard:

℞	Liq. Arsenici Chloridi.....	$\frac{1}{4}$ ounce
	Tinct. Ferri Chloridi.....	$\frac{1}{4}$ ounce
	Cinchoninæ Sulphatis.....	1 drachm
	Strychninæ Sulphatis.....	2 grains
	Syr. Simp.....	$2\frac{5}{8}$ ounces
	Aquæ, to make.....	6 ounces

M. Sig.—Teaspoonful in water three times a day before meals.

No. 272.

PROTECTIVE DRESSING FOR SORES.

An excellent firm protective dressing for sores, ulcers, etc., recommended by Montgomery, is made as follows:

℞	Glycerini.....	1 part
	Zinci Oxidi.....	1 part
	Gelatin (White).....	1 part
	Water.....	9 parts

M. Heat in water bath. Sig.—Apply several coats with a brush.

Thymol, salicylic acid, etc., may be added.

No. 273.

PAINLESS BLISTER.

TREATMENT:

The following formula for a painless blister is given in the “Medical Record”:

℞	Mentholi.....	10 grains
	Chloralis.....	10 grains
	Oil Theobrom.....	$\frac{1}{2}$ drachm
	Spermaceti.....	1 drachm

M. Paste. Sig.—Apply locally.

No. 274.

OCULAR (EYE) NEURALGIAS.

TREATMENT :

Dr. Fox prescribes the following for neuralgia of the eyes :

℞ Morphiæ Sulp.....	4 grains
Chloral.....	10 grains
Cocaine	20 grains
Menthol	30 grains
Lanolin	1 ounce

M. Sig.—Apply a piece the size of a hazelnut to the temple and over the brow every hour.

No. 275.

SEXUAL NEURASTHENIA.

SEXUAL NERVOUS DEBILITY.

TREATMENT :

Rocwell prescribes the following in the treatment of sexual nervous debility :

℞ Zinci Bromidi.....	5 grains
Zinci Valerianatis.....	5 grains
Zinci Oxidi.....	5 grains
Rosæ Conserv., q. s. ad.	

M. For 20 pills. Sig.—One pill an hour after breakfast and dinner, and before retiring.

As a tonic in the same affection he prescribes :

℞ Strychninæ,	
Phosphori, aa.....	$\frac{1}{8}$ grain
Ext. Cannabis Indicæ.....	2 grains
Ferri Carbonatis.....	20 grains

M. For 25 pills. Sig.—One pill before each meal.

As a sedative the following :

℞ Potass. Bromidi.....	2 drachms
Ammonii Bromidi.....	1 drachm
Potass. Bicarb.....	8 grains
Tinct. Calumbæ.....	1 ounce
Aquæ	4 ounces

M. Sig.—Teaspoonful to a tablespoonful night and morning.

Brown prescribes the following in the treatment of sexual neurasthenia:

℞	Quininæ Sulphatis.....	20 grains
	Ferri Subcarbonatis (U. S. P.).....	1 drachm
	Strychninæ Sulphatis.....	$\frac{1}{2}$ grain
	Ext. Damianæ.....	20 grains
	Ext. Cinchonæ.....	40 grains

M. For 20 capsules. Sig.—One capsule after meals.

No. 276.

PAIN.

The following formula is recommended in “N. E. Med. Mon.”:

℞	Antikamnia.....	2 drachms
	Alcohol.....	$\frac{1}{2}$ drachm
	Tinct. Cardam. Comp.....	$10\frac{3}{4}$ drachms
	Syr. Zingib., to make.....	3 ounces

M. Sig.—One teaspoonful every three to four hours.

No. 277.

A GENERAL ANTIDOTE FOR POISON.

Borate of sodium mixed with milk is said to be the best general antidote after the stomach has been emptied. For vegetable poisons permanganate of potassium in one per cent. solution. For carbolic acid, and ammonia poisoning, vinegar is the antidote.

No. 278.

BRONCHORRHŒA.

Increased discharge of mucus (phlegm) from the bronchial tubes or windpipe.

TREATMENT :

Vallemeyer prescribes the following combination :

℞ Ammonii Mur.....	2½ drachms
Ext. Glycyrrhizæ.....	2 drachms
Fl. Ext. Ipecac.....	15 drops
Eucalyptol.....	¾ drachm
Tinct. Opii Camph.....	¾ drachm
Syr. Simp., to make.....	4 ounces

M. Sig.—Shake well and take one teaspoonful every two hours.

No. 279.

FEVER.

Dr. H. A. Hare, in the "International Medical Magazine," emphasizes the fact that fever is a conservative process, which stimulates the glands which produce white blood corpuscles, and that within reasonable limits (up to 103° unless protracted) it should not be interfered with. He condemns the use of antipyretic drugs and advocates the use of cold water, always with friction of the extremities to bring the hot blood to the surface as well as to improve the tone of the vessels.

No. 280.

BLENNORRHAGIC MYOSITIS.

A whitish discharge from an inflamed muscle.

TREATMENT :

Braquehayé prescribes the following treatment:

Moist heat should be applied, by enveloping the limb in hot boric acid solution covered with impermeable tissue. After the acute period the following is to be given:

℞ Guaiacol,	
Oil Amygd. Dulc.....	equal parts

M. Sig.—Apply to the limb and cover with cotton.

No. 281.

INFLAMMATION OF THE CÆCUM.

POUCH OR SACK.

Inflammation of the cæcum or lower portion of the colon (see 9, Fig. 1) almost invariably is due to an accumulation of hardened fæces, or to hard bodies, such as cherry-stones, grapeseeds, berryseeds, overgorge of peanuts, etc.

TREATMENT :

Copious warm water or flaxseed tea injections by rectum as directed in No. 33, or purgative, clear out fæces which accumulate from want of power of the bowels to propel them, and the enlargement and pain vanish after the free evacuation.

It is this portion of the colon to which the vermiform appendage is attached, and it is the accumulation of hardened fæces in this pouch that causes the terrible disease which is known as appendicitis.

See appendicitis, No. 21.

No. 282.

INGROWING TOE NAILS.

TREATMENT :

Dr. Smith recommends the following:

R Acid Salicylic.....2 drachms
 Petrolatum.....1 ounce

M. Sig.—Apply daily to the overgrowing flesh of ingrowing toe nails, washing and removing the dead tissue every day. Do not cut the nail.

No. 283.

PAIN AND SPASM OF SPHINCTER ANI.

IN ANAL FISSURE.

TREATMENT :

The following treatment is recommended by Dr. Adler:

℞ Ext. Belladonna..... $2\frac{1}{2}$ grains
Cocaine Hydrochlor.....3 grains
Oil Theobrom.....80 grains

M. For 8 suppositories. Sig.—One suppository to be passed into the bowel about half an hour before a rectal injection or a movement of the bowels is expected.

Or:

℞ Ext. Conii.....2 drachms
Oil Ricini, Fl.....3 drachms
Ungt. Lanolini, to make.....2 ounces

M. Sig.—A small quantity of this ointment should be smeared over the parts five minutes before a passage, and again after it has occurred.

No. 284.

ICHTHYOSIS.

FISH-SKIN DISEASE.

A disease in which the skin becomes thickened, hard, and rough, with a tendency to scalliness; the fish-skin disease.

TREATMENT :

The "Dominion Medical Monthly" gives the following treatment for ichthyosis.

℞ Olei Amygdalæ Expressi 16 ounces
M. Sig.—Anoint the body freely each night and morning.
Indications—Used to soften and remove scales.

℞ Liq. Potassæ.....2 drachms
Aquæ 6 ounces

M. Sig.—Apply to callosities with a glass rod several times a day.

Indications—Used in ichthyosis to remove callosities.

No. 285.

TOD'S FORMULA FOR IRRITABLE BLADDER.

℞ Benzoic Acid.....	1½ drachms
Borax	1½ drachms
Alcohol.....	1½ drachms
Tinct. Hyoscyamus.....	2 drachms
Syr. Wild Cherry.....	2 ounces
Elix. Orange Peel.....	12 drachms
Aq. Dest., to make.....	6 ounces

M. Sig.—A dessertspoonful every four hours, followed by a glass of water.

No. 286.

PAINFUL ERECTIONS.

Bavatier gives this formula for painful erections:

℞ Methyl Salicylate.....	1 part
Liquid Vaseline.....	10 parts

M. Sig.—The penis is to be anointed with this liniment, and covered with a thin layer of cotton and bandaged.

No. 287.

McCANN'S OINTMENT FOR ITCHING PILES.

℞ Argent. Nit.....	3 grains
Morph. Sulph.....	3 grains
Ext. Hyoscyami.....	12 grains
Acid Tannic.....	15 grains
Cerat. Simp.....	1 ounce

M. Sig.—Apply a small quantity of the ointment night and morning. Bathe the parts well in cold water before making the application.

No. 288.

ECLAMPSY.

A convulsive disease of infancy; also, epilepsy, and the appearance of flashes of light, forming one of its symptoms. Sometimes applied to a form of puerperal (belonging to childbed) convulsions resembling epilepsy in severity.

TREATMENT:

Wilson recommends the following formula in the treatment of eclampsy:

℞	Tinct. Veratrum Vir.....	$\frac{1}{2}$ drachm
	Potassii Bromidi.....	$\frac{1}{2}$ drachm
	Morphinæ Sulph.....	$\frac{1}{2}$ grain
	Aquæ.....	1 ounce

M. Sig.—One teaspoonful every thirty minutes, until followed with good results.

Indications—Used in eclampsy of puerpera.

No. 289.

SMOKER'S HEART.

TREATMENT:

Stern prescribes the following combination for smoker's heart:

℞	Adonidin	0.005
	Ammon. Carb.....	0.1
	Camphoræ	0.03

M. For 30 powders. Sig.—One powder three times a day.

No. 290.

OBSTIPATION.

Obstinate costiveness, there being no relief by evacuation; distinguished from constipation by a sensation as if stuffed.

TREATMENT :

For this condition Fisher prescribes :

℞	Hydrarg. Corros	0.1
	Strychninæ Sulph.....	0.05
	Aq. Dest.....	30
	Ext. Cascara Sagrada, Fl.....	120
	Glycerin	250

M. Sig.—One to three teaspoonfuls daily.

No. 291.

PITYRIASIS CAPITIS.

DANDRUFF.

TREATMENT :

According to Merk's "Archives," among the remedies which have been found to be the most serviceable in the treatment of dandruff are resorcin, tannoform, salicylate acid, and boric acid. The following mixture is recommended as being most efficacious :

℞	Resorcin	$\frac{1}{2}$ drachm
	Tannoform	$\frac{1}{2}$ drachm
	Acid Salicylate.....	5 grains

M. Dissolve the powder in three ounces of alcohol and one ounce of water and filter. Sig.—Apply locally to the scalp.

Or :

℞	Resorcin.....	1 drachm
	Acid Boric.....	$\frac{1}{2}$ drachm
	Aquæ.....	5 ounces

M. Sig.—Apply locally to the scalp.

The foregoing ingredients may be incorporated with an ointment if desired, such as unguentum aquæ rosæ (cold cream), adeps lanæ hydrosus, petrolatum, etc.

The following is given in the "N. E. M. M." :

℞	Resorcin.....	4 drachms
	Tannoform	5 drachms
	Alcohol.....	4 ounces
	Aquæ	4 ounces
	Oil Lavender.....	2 drachms

M. Sig.—Apply to the scalp twice daily.

The above prescription will make enough of the solution to cure an ordinary family. This trouble is contagious, and where one has it, it is likely to affect those who use the same brush and comb.

No. 292.

PROF. FLINT'S TONIC FORMULA.

Flint considers this an excellent tonic formula, combining, as it does, all the important salts of the blood:

℞	Sodii Chloridi, c. p.....	3 drachms
	Potassii Chloridi, c. p.....	9 grains
	Potassii Sulphatis, c. p.....	6 grains
	Potassii Carb. (Squibb).....	3 grains
	Sodii Carbonatis, c. p.....	36 grains
	Magnes. Carb.....	3 grains
	Calc. Phos. Præcip.....	$\frac{1}{2}$ drachm
	Calc. Carb.....	3 grains
	Ferri Reducti (Merk).....	27 grains
	Ferri Carb.....	3 grains

M. For 60 capsules. Sig.—Two capsules three times a day after eating.

No. 293.

ALOPECIA.

BALDNESS.

TREATMENT:

Balzer, in "British Med. Jour.," recommends the following lotion:

℞	Hydrarg. Chlor. Corros.....	3 grains
	Acidi Acetici.....	15 grains
	Alcoholis.....	4 ounces
	Etheris.....	1 ounce
	Sol. Lavend. (Alcoholic).....	1 ounce

M. Sig.—First, cut the hair close to the scalp and cleanse with soap and water, then apply the above lotion once daily, and after drying, apply:

℞ Acidi Lactici.....30 parts
Alcohol (60 per cent. sol.).....70 parts

M. Sig.—Apply with absorbent cotton, by friction, daily, until scalp becomes inflamed. Then suspend treatment for a few days and resume when inflammation has subsided. He says that he has observed new growths of hair in the course of three weeks.

The following is recommended in “N. E. Med. Mon.”:

℞ Pilocarpinæ Hydrochlor..... $\frac{1}{2}$ drachm
Oil Lavendul.....15 minims
Oil Amygdal. Expressi.....4 drachms
Adipis Lanæ Hydrosi, to make.....2 ounces

M. Sig.—Apply freely at bed-time.

Indications—Used in hereditary presenile (not old) alopecia. The scalp should be daily shampooed with Johnson’s ethereal soap and water, well dried, and the application made. Also of value in syphilitic alopecia accompanied by constitutional treatment.

℞ Tinct. Cantharides.....2 drachms
Acidi Acetici Dil.....2 ounces
Sodii Boratis.....2 drachms
Glycerini.....4 drachms
Aq. Rose, to make.....6 ounces

M. Sig.—Apply freely night and morning.

Indications—Used in presenile (not old) and syphilitic baldness.

No. 294.

TO PREVENT THE SHEDDING OF HAIR.

Dr. Walch, of London, recommends the following as a lotion, stating that it is preferable to an ointment, especially in the case of women:

℞ Acidi Salicylici.....3 drachms
Acidi Carbol.....1 drachm
Oil Ricini.....3 drachms
Spir. Vini Rectif., to make.....6 ounces

M. Lotion. Sig.—Apply to the scalp once or twice daily.

The following combination is recommended as being an excellent hair tonic:

℞	Acid Salicylic.....	15	grains
	Resorcin.....	$\frac{1}{2}$	grain
	Tinct. Cantharides.....	$\frac{1}{2}$	ounce
	Tinct. Capsici.....	$\frac{1}{2}$	drachm
	Saponin.....	$\frac{1}{2}$	drachm
	Lanolin.....	1	ounce
	Aq. Rosæ, to make.....	10	ounces

Melt the lanolin, dissolve the saponin in the same quantity of water and incorporate the two. Dissolve the acid and resorcin in the tinctures and rose water respectively to make up the required bulk. More spirit may replace the rose water if required.

M. Sig.—Every night brush the lotion well into the roots of the hair, which should then be dried with a soft towel.

No. 295.

BURNING SENSATION WITH FREQUENT DESIRE TO URINATE.

TREATMENT :

℞	Potassii Acetatis.....	2	drachms
	Tinct. Belladonna.....	1	drachm
	Syr. Simpl., to make.....	2	ounces

M. Sig.—One teaspoonful three times a day.

Indications—Used in frequent urination when accompanied with a burning sensation.

℞	Potassii Acetatis.....	$\frac{1}{2}$	ounce
	Liq. Ammo. Acetatis.....	2	ounces
	Spir. Æth. Nit.....	1	ounce
	Syr. Aurant. Cort., to make.....	4	ounces

M. Sig.—One teaspoonful every two hours.

Indications—Used in frequent urination with scalding sensation and 'brick dust deposit in urine.

Eat no fruit, lemons, pickles, vinegar, in fact, nothing sour, until all trouble is cured.

No. 296.

HEALING OINTMENT.

Antiseptic and healing sticking plaster for dressing wounds, old sores, abrasions, etc.:

℞	Zinci Oxidi.....	5 grains
	Zinci Chloridi.....	20 grains
	Gelatinæ.....	5 drachms
	Listerine.....	7½ drachms

M. Sig.—Apply by spreading on cloth and laying it over the sore.—LITTLE GEM.

No. 297.

SHAMPOO.

Recommended in the "Chemical Gazette":

℞	Aq. Rose.....	1,000 parts
	Alcohol (85 p. c. sol.).....	500 parts
	White Soap.....	30 parts

Dissolve the soap, shaved fine, in the alcohol, applying mild heat in the water bath, and add the rose water. Transparent soap may be employed instead of the white soap.

℞	Tinct. Bay Leaves.....	150 parts
	Bay Oil.....	5 parts
	Ammon. Bicarb.....	15 parts
	Borax.....	15 parts
	Aq. Rose.....	1,000 parts

Dissolve the oil in the tincture, the borax and ammonia salt in the rose water, mix the solutions and filter.

No. 298.

WRINKLES.

These tell-tale marks of time, according to Prof. Salisbury, are caused by the diminished elasticity of the skin

and by loss of water from the tissues as age advances; and thus the creases that in youth leave no mark, become in after years permanent. In an infant the amount of water in the tissues is 66.4 per cent., while, as years advance, it forms but about 58.5 per cent. It is absurd to fill the furrows up with powder and paste in an attempt to hide them. The better way is to preserve the elasticity of the skin by hygienic means, especially between the ages of twenty and thirty. Where the lines tend to become prematurely permanent, "a mixture of cold cream and lanæ should be rubbed in twice a day." "Retiring cream," having as its base wool-fat, readily penetrates the skin and renders it soft, smooth and supple. It is made according to this formula:

℞	Expressed Oil of Almonds.....	2 drachms
	Cacao Butter.....	4 drachms
	Adeps Lanæ.....	2 ounces
	Glycerin.....	2 drachms
	Oil of Rose.....	2 drops

Melt the first three ingredients by means of heat, then add the others.

M. Sig.—Apply by rubbing it in well several times daily

No. 299.

ANTISEPTIC MOUTH WASH.

The following is recommended by Merk's "Report" as a mouth wash:

℞	Formalin.....	5 minims
	Tinct. Benzoini.....	3 drachms
	Tinct. Myrrhæ.....	1 drachm
	Oil Menthæ Pip.....	3 minims
	Oil Anisi.....	2 minims
	Oil Cassiæ.....	1 minim
	Oil Cinnamomi.....	15 minims
	Alcoholis.....	2 ounces

M. Sig.—Use as mouth wash once or twice daily.

No. 300.

HOW DYSPEPTICS SHOULD EAT.

Sir T. Luder Brunton, in the "Clinical Journal," emphasizes the following points in instructing patients troubled with dyspepsia:

1. Eat slowly, and if necessary, follow Sir Andrew Clark's rule—count the bites.

2. Take the solids and liquids separately, so as not to dilute the gastric juice nor weaken the digestive ability of the stomach.

3. If necessary let the patient take his farinaceous food and the proteids at different meals.

4. The best fluid is hot water, taken early in the morning and an hour or two before dinner and supper.

a. Alkalis before meals stimulate secretion of gastric juice.

b. Acids before meals check acid secretions of the stomach.

c. Where the food remains in the stomach too long lavage should be resorted to.

DISEASES OF WOMEN.

GENITAL ORGANS OF WOMAN.

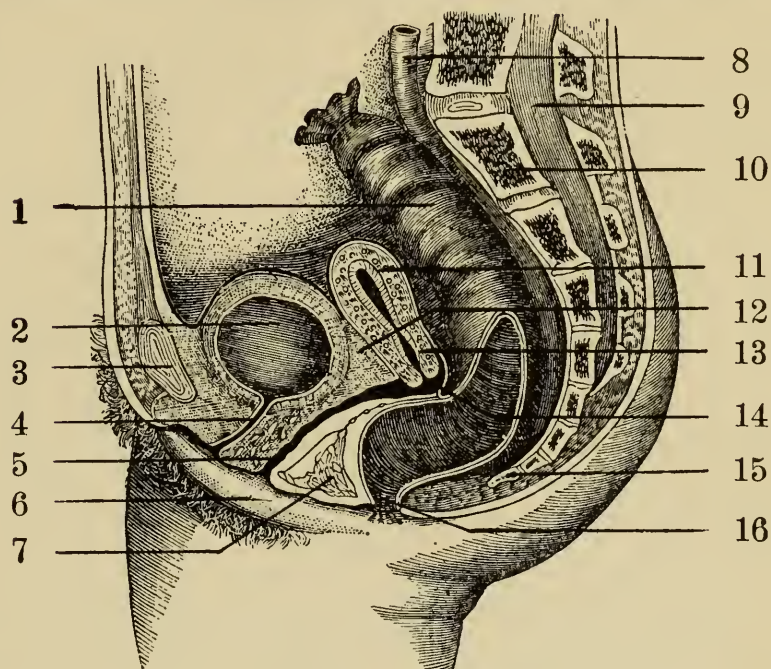


Fig. 30.

The above engraving shows the location of the generative organs of woman, and the surrounding parts. They are as follows :

1. Colon or large intestine.
2. Bladder. When this organ is affected by inflammation the disorder receives the name of cystitis.
3. Pubic bone.
4. Urethra, the channel through which the urine is expelled from the bladder, and when affected by inflammation the disorder is known as urethritis.
5. Vagina, the canal extending from the vulva to the uterus (womb). Inflammation of the vagina is called vaginitis.
6. Labia pudendi, the thick orifice of the vulva (privates). Inflammation of this part is called vulvitis.
7. Perineum, the parts between the vagina and the rectum, which sometimes rupture during the birth of a child. Applications of cloths wrung from hot water will prevent the accident.
8. Blood-vessel.
9. Spinal cord (marrow).
10. Spinal column or backbone.
11. Body of uterus (womb).
12. Dividing line between the body and neck of the uterus, and called internal os—"os," meaning mouth.
13. Neck of uterus; a portion of which projects down into the vagina, No. 5.
14. External os or mouth of uterus.
15. Coccyx, lower extremity of backbone.
16. Rectum, at which place piles, anal fissures and fistulæ occur.

In falling of the womb, it may drop down and remain perpendicular, but as a rule, it either falls forward (antiversion) and rests upon the bladder, or backward (retroversion) and rests upon the rectum; the former causing bladder trouble, and the latter, constipation. In some cases the womb doubles up on itself, the curvature or bend occurring at the internal os (12), and in some instances the curvature is so sharp or short it closes the cavity of the womb, and by this means creates an obstruction to the menstrual flow, which gives rise to the distressing symptom known as dysmenorrhœa (painful menstruation).

The inside lining (mucous membrane) of the vagina (5) and the womb (11, 13) are subject to the same acute and chronic inflammatory (catarrhal) conditions as that of the nasal passages, and the same conditions that cause it in the one will cause it in the other, and the discharge (leucorrhœa or whites) is of much the same nature as an obstinate discharge from the nose. The color of the discharge at first may be white, from which it varies to a light or deeper yellow, and at a later period even a green or brownish hue. It is sometimes quite acrimonious in its action upon the mucous membrane in the vagina and even the external parts; causing a soreness or rawness, and in some, an itching of the vulva (privates).

NO. 301.

LEUCORRHŒA.

WHITES.

One of the best known remedies for leucorrhœa is the internal treatment and vaginal injections recommended by Dr. Braun. The internal remedy is as follows:

℞ Crystallized Sulphate of Iron.....1 drachm
 Carbonate of Potassium.....1 drachm
 Pure Ergotine.....22 grains
 Pulv. Licorice Root and Ext., q. s. ad.

M. To make 50 pills. Sig.—Two to three pills to be taken three times daily.

Indications—Used in pale, bloodless women, when the discharge is accompanied with blood. If no blood is present and constipation exists, replace the ergotine with thirty grains of aloes.

The formula for the injections is as follows :

℞ Acetate of Lead.....1 ounce
 Pulv. Dried Alum.....1 ounce
 Acid Carbolic.....1 drachm
 Aquæ, to make.....6 ounces

M. Sig.—Two teaspoonfuls of this mixture to one quart of hot water, and, with a rubber bulb or fountain syringe, inject into the vagina. Pass the nozzle well up, and, while syringing, shift it from side to side to have the water come in contact with all parts of the vagina.

Burtenshaw states that a troublesome leucorrhœa in the majority of instances will be checked after a few applications of the douche (injection), due to the toning up of the vaginal and uterine mucosa. The water may be used without any medicament whatever, but if the accompanying leucorrhœal discharge is profuse, a tablespoonful of the following mixture can be added to the last quart of water remaining in the douche bag at the termination of the injection :

℞ Pulv. Albuminis..... $\frac{1}{4}$ ounce
 Zinci Sulphatis..... $\frac{1}{4}$ ounce
 Acidi Carbolicæ..... $\frac{1}{4}$ ounce
 Sodii Biboratis..... $\frac{1}{4}$ ounce
 Aquæ, to make.....6 ounces

M. Sig.—Use as above stated.

He further states that large hot water vaginal injections should never be employed by healthy pregnant women, for the reason that they reduce the bactericidal power of the vaginal secretions.

The following is recommended by Lutaud, to be used locally in the treatment of leucorrhœa:

℞ Potassii Chloratis.....1½ ounces
Tinct. Opii.....1 ounce
Aq. Picis Liq.....2 pints

M. Sig.—One-half glass to a quart of warm water as an injection night and morning.

The following combination is useful in leucorrhœa with acute painful vaginitis (inflammation of vagina):

℞ Liq. Plumbi Subacetatis.....2 ounces
Tinct. Opii.....2 ounces

M. Sig.—Tablespoonful to a quart of warm water as vaginal injection three times a day after a thorough cleansing douche.

Dr. Trovillion prescribes the following combination for the treatment of leucorrhœa.

℞ Acid Tannic.....2 drachms
Zinc Sulphate.....½ ounce
Acid Carbolic.....1 drachm
Glycerin.....2 ounces
Aquæ, to make.....6 ounces

M. Sig.—Tablespoonful in a half gallon of warm water as a vaginal injection once daily.

No. 302.

VAGINAL DISEASES.

Prof. Wood is of the opinion that by means of the atomizer, medicaments can better be forced into the tissues than when applied locally by means of applicators. In the treatment of leucorrhœa due to gonorrhœal infection, he sprays the vaginal walls through a fenestrated speculum with a solution of hydrogen peroxid of 50 per cent. strength. The walls are then wiped thoroughly and the following applied as an antiseptic spray:

R	Acidi Borici.....	4 grains
	Thymol.....	$\frac{1}{16}$ grain
	Sodii Boratis.....	1 grain
	Sodii Bicarb.....	$\frac{1}{2}$ grain
	Oil Pini Sylv.....	$\frac{1}{6}$ grain
	Eucalyptol.....	$\frac{1}{30}$ grain
	Oil Gaultheriæ.....	$\frac{1}{30}$ grain
	Oil Piperinæ.....	$\frac{1}{30}$ grain
	Alcoholis.....	1 ounce
	Glycerini.....	1 ounce

M. Sig.—Use as directed above.

If the secretion is mucus and tough, Dobell's solution is recommended. After spraying, the vaginal walls are kept apart by a tampon of cotton medicated with a 10 per cent. glycerin solution of ichthyol. After the removal of this the patient is instructed to take douche of bichlorid 1 to 2,000. The treatment should be repeated twice a week.

No. 303.

VAGINISMUS.

A term applied to spasm of the sphincter muscles of the vagina, with increased sensibility of the surrounding parts, which at times causes great pain when the spasmodic contractions occur.

TREATMENT:

R	Cocaine (Alkaloid).....	5 grains
	Iodoformi.....	1 drachm
	Acidi Carbolici.....	6 minims
	Oil Theobromatis.....	3 drachms

M. For 6 suppositories. Sig.—One suppository to be passed into the vagina at night. If this fails, under an anæsthetic dilate the vaginal opening, curette or cut away all sources of irritation, and apply powdered iodoform.

No. 304.

VAGINITIS.

INFLAMMATION OF VAGINA.

The mucous or lining membrane of the vagina is subject to inflammatory action which is named vaginitis.

SYMPTOMS :

Acute vaginitis manifests itself by a sense of burning and heat in the vagina; aching and weight between rectum and vagina; frequent desire to pass urine; profuse and pus-like discharge of offensive character; violent pelvic pain and throbbing; rawness of the vulva or privates.

In the chronic form the disease shows the same symptoms, though with much less severity.

TREATMENT:

The following injection for inflammation of the vagina is recommended by Janowsky:

R	Aluminis	15 parts
	Sodii Borate.....	15 parts
	Quininæ Sulph.....	1 part
	Oil Thymi.....	15 parts
	Acidi Carbolicæ.....	15 parts
	Glycerini.....	200 parts

M. Sig.—Soup-spoonful to a quart of hot water and inject as directed in first treatment in 301, two or three times daily.

For soreness or rawness of the vagina or external parts there is nothing better than the following:

R	Pulv. Flaxseed.....	6 ounces
	Pulv. Hydrastis.....	$\frac{1}{2}$ ounce
	Pulv. Tannic Acid.....	$\frac{1}{2}$ ounce

M. Sig.—One tablespoonful in three pints of boiling water, stir, then strain and inject as directed in first treatment in 301, two or three times daily.

No. 305.

VULVITIS.

INFLAMMATION OF VULVA—PRIVATES.

TREATMENT:

The following is recommended for inflammation of the vulva in "Medical Standard":

℞ Liq. Plumbi Subacetat.....1 drachm
Tinct. Hyoscyami.....2 drachms
Aq. Camphoræ, to make.....8 ounces

M. Sig.—Apply to the parts several times a day.

ACUTE GONORRHŒAL VULVITIS—

Tuttle's treatment is rest in bed, light diet, keeping bowels open and urine bland by salines, especially potassium salts, and bathing the parts every three or four hours, using plenty of water rather than antiseptics. Weak solutions of carbolic, bichloride, or boric acid washes may, however, be of use. After the douche, paint the parts with a 2 per cent. solution of silver nitrate increased rapidly to 10 per cent., and keep the parts separated with gauze wet with lead and opium wash to relieve the pain.

Or:

℞ Ammon. Chlorid..... $\frac{1}{2}$ drachm
Alcohol..... $\frac{1}{2}$ drachm
Witch Hazel.....1 pint

M. Sig.—Apply as directed above.

If an ointment is preferred use iodoform 2 to 4 per cent., or bismuth sub-nitrate and glycerin.

No. 306.

PRURITUS VULVA.

INTENSE ITCHING OF PRIVATES.

The predisposing causes of pruritus vulva are: leucorrhœa; dribbling urine; vaginitis; urethritis, etc.

TREATMENT :

Siebourg states that removal of the causative factors is imperative. An exact urinalysis should be made. The diet should be regulated. Alcohol and highly seasoned foods should be interdicted. Rubbing or scratching of the vulva should be prohibited. The diseased parts should be washed with water and pure soap after each urination. The following should be applied to give relief from the itching :

R	Cocaine	30 grains
	Orthoform	24 grains
	Menthol	7½ grains
	Acid Carbolic	15 grains
	Vaselini	5 drachms

M. Sig.—Apply as needed to relieve the itching.

When the itching is due to an irritating discharge (whites) from the vagina it must be checked by hot water injections, simple or medicated; by applications to uterine cavity or vagina; or by packing.

Braun's treatment for leucorrhœa, in No. 302, would be an excellent remedy for this purpose.

The most successful remedies to allay the intense itching have been proven in this writer's hands to be frequent bathing of the parts with hot water or with a 1 or 2 per cent. solution of carbolic acid, or with the following combination :

R	Carbolic Acid	1 part
	Glycerin	10 parts
	Aq. Lime	100 parts

M. Sig.—Apply as needed to allay the itching.

Or an ointment as follows may be used :

℞	Menthol.....	1 drachm
	Cerat. Simp.....	2 ounces
	Oil Amygdal. Dulcis.....	1 ounce
	Acidi Carbolic.....	1 drachm
	Pulv. Zinci Oxidi.....	2 drachms

M. Sig.—Apply morning, noon, and night, after cleansing the parts.—KELSEY.

The following is recommended in “The Med. Fort.”:

℞	Bichlor. Mercury.....	10 grains
	Alcohol.....	50 grains
	Aq. Rose.....	200 grains
	Aquæ.....	2,250 grains

M. Sig.—This is to be applied pure, morning and evening. At first it causes sharp smarting, necessitating the application of fresh water. It is, however, soon tolerated.

No. 307.

ANAL PRURITUS, ENDOMETRITIS, ETC.

TREATMENT:

Prof. Candlea, in “Med. Summary,” says that the following combination is most excellent for pruritus ani (intense itching of anus), carbuncles, swollen glands, eroded (raw) and ulcerated cervix (neck, or that portion of the womb which projects down into the vagina, 13, Fig. 30), in endometritis or catarrhal inflammation of the mucous or lining membrane of the womb with purulent (pus-like) condition of appendages (privates).

℞	Ichthyol.....	1 drachm
	Tinct. Iodine.....	3 drachms
	Glyc. Hydrastis.....	5 ounces
	Boroglyceride.....	6½ ounces

M. Sig.—In pruritus ani, apply twice daily after cleansing the parts, then saturate a small wad of cotton with the solution and pass it into the rectum. The cotton will be expelled by the first movement of the bowels.

For the ulcerated cervix, or inflammation of the womb, it should be applied by means of a wad of absorbent cotton soaked with the solution and passed up to the mouth of the womb. A string should be attached to the cotton for the purpose of withdrawing it. At first these applications should be made every alternate evening until three or four have been made, then twice weekly, but under no circumstances should the cotton be left in the vagina longer than over night. Hot water injections into vagina should be made daily morning and evening.

The above treatment should be kept up until all trouble is cured.

No. 308.

ENDOMETRITIS.

Endo (within), metritis (the "womb"), inflammation of the womb. Hence, endometritis means "inflammation within the womb."

SYMPTOMS :

In the great majority of instances the disease announces its existence by some or all of the following signs:

Dragging sensation about the pelvis; pain in the back and loins; more or less profuse leucorrhœa will be noticed, the discharge as it issues from the vulva resembles boiled starch or thick gum water, and often irritating the vulva and vagina. The menstrual flow may be either too scanty or too profuse, too frequent or too infrequent, and to a certain extent painful.

TREATMENT :

The following intra-uterine crayons for the treatment of endometritis is recommended in "The Med. Fort.":

℞	Iodoform.....	grm. 10
	Gum Tragacanth.....	ctgrm. 50
	Glycerin and Aquæ, q. s. ad.	

Or :

℞ Iodoform.....gram. 20
Gum Arabic,
Starch,
Glycerin, aa.....gram. 2

M. Sig.—Make crayons of the size and shape of a nitrate of silver crayon.

Or :

℞ Bichloride Mercury.....ctgram. 50
Powd. Talc.....gram. 25
Aq. and Glycerin, q. s. ad for 50 crayons.

M. The water and glycerin (two-thirds water, one-third glycerin) are added drop by drop until the required consistency is obtained. Sig.—Insert one crayon into uterine canal once or twice a week.

No. 309.

SUBINVOLUTION.

A term applied to a large and painful womb; the chief symptoms of which are :

Profuse leucorrhœa of a glairy character; menstrual disorders; pain in lower part of abdomen is generally present, and at times a burning sensation over the pubes (pain 135, Fig. 28); abdominal distention; symptoms of pregnancy; sterility. There may be a numbness or pain down the thighs (137, Fig. 28) and a burning pain on top of the head (137, Fig. 29) at the menstrual periods.

TREATMENT:

The following treatment is prescribed for subinvolution of the uterus by Hirst:

℞ Strychnina Sulph.....2 grains
Quinina Sulph.....80 grains
Ext. Ergot.....40 grains

M. For 40 pills. Sig.—One pill after each meal.

Vaginal and rectal injections of hot water should be made daily in connection with the above treatment.

No. 310.

DYSMENORRHŒA.

A term applied to difficult or painful menstruation.

TREATMENT:

The general practitioner is frequently called upon to prescribe for the ailments during menstruation. The "Therapeutic Gazette" gives the following outline of treatment by Lyon for dysmenorrhœa: Absolute rest in bed for twenty-four hours preceding the expected period; applications of hot poultices to the lower portion of the abdomen. Rub the skin of the abdomen well with the following liniment:

℞ Ext. Belladonna Fl..... $\frac{1}{2}$ drachm
 Ext. Hyoscyami Fl..... $\frac{1}{2}$ drachm
 Lini. Camphoræ.....3 ounces

M. Sig.—Applied externally as directed above.

In some cases rectal injections as follows are recommended:

℞ Tinct. Opii.....10 minims
 Aq. Amyli, to make.....6 ounces

M. Sig.—Inject the whole into bowel to relieve pain.

℞ Infusi Valerianæ.....2 drachms
 Aquæ, to make.....1 pint

M. Sig.—As an injection to relieve pain.

If the menstrual flow is excessive use this recipe:

℞ Ergotin.....40 grains
 Quininæ Sulph.....20 grains
 Pulv. Digitalis.....10 grains

M. For 20 pills. Sig.—Take one pill by mouth two or three times a day.

Or:

℞ Ext. Hydrastis.....1 ounce

M. Sig.—Thirty to sixty drops to be taken in sweetened water once or twice daily.

In other cases Dr. Lyon employs the tincture of *viburnum prunifolium* in the following combination :

℞ Tinct. Viburni Prunifolii..... $\frac{1}{2}$ ounce
Tinct. Piscidiæ Erythrinæ..... $\frac{1}{2}$ ounce

M. Sig.—Twenty drops every three or four hours.

Piscidiæ is an unofficial preparation derived from the Jamaica dogwood. Its action upon the nervous system is similar to opium. It is used as a nerve sedative and for the different forms of neuralgia. He also recommends the following for the same conditions:

℞ Antipyrin..... $\frac{1}{2}$ drachm
Potassii Bromidi..... $\frac{1}{2}$ drachm
Ext. Viburni Prunifolii.....3 drachms
Spir. Vini Gallici..... $\frac{1}{4}$ ounce
Syr. Aurantii Flor $\frac{1}{4}$ ounce
Aq. Dest.....2 ounces

M. Sig.—One dessertspoonful two or three times a day.

Antipyrin is preferable to other coal-tar products such as acetanilid, because it does not produce the changes in the blood that follow the administration of acetanilid. Brunton states that acetanilid must be used with care in the treatment of such conditions.

If the flow is not abundant but difficult, hot sitz-baths to which mustard has been added is recommended, or mustard applied to the lower part of the bowels. In such conditions he gives the following:

℞ Asafœtidæ.....48 grains
Ext. Valerianæ.....24 grains
Ext. Cannabis Indicæ.....12 grains

M. For 24 pills. Sig.—One, two, or three a day as the case may require.

Or:

℞ Sodii Salicylate.....2 drachms
Rum $1\frac{1}{2}$ ounces
Aq. Dest., to make.....3 ounces

M. Sig. — One teaspoonful three times a day.

Mattice prescribes the following for difficult menstruation :

℞ Spir. Camphor.....1 drachm
Tinct. Camph. Comp..... 2 drachms
Tinct. Ginger..... $\frac{1}{2}$ drachm
Spir. Lavender Comp..... $\frac{1}{2}$ ounce
Aq. Dest., to make.....2 ounces

M. Sig.— Dessertspoonful every hour or two.

Goubert prescribes the following:

℞ Iodoform 48 grains
Ext. Belladonna.....12 grains
Asafoetidæ.....96 grains

M. For 24 pills. Sig.— One pill every two hours daily, and begin from six to ten days before the appearance of menstruation.

SPECIFIC FOR PAINFUL MENSTRUATION —

Gile claims the following is a specific for dysmenorrhœa when no narrowing exists :

℞ Pulv. Resinæ Guaiaci..... $\frac{1}{2}$ ounce
Terebinthinæ Canadensis..... $\frac{1}{2}$ ounce
Oil Sassafras.....2 drachms
Alcoholis 8 ounces

Macerate for seven days then filter; then add :

℞ Hydrarg. Chloridi Corrosiv.....1 scruple

M. Sig.—Fifteen to twenty drops to be taken in a wineglass of water three times a day between the periods.

NO. 311.

AMENORRHŒA.

Absence or stoppage of the menstrual discharge.

TREATMENT:

Hurchard orders that the lumbar region or lower portion of the back, from hip to hip, be rubbed, on retiring, with:

℞ Chloroform..... $2\frac{1}{2}$ drachms
Ether 5 drachms
Spir. Camphor.....3 ounces

M. Sig.— Apply by rubbing it in thoroughly.

In addition to this, use mustard foot-baths and mustard drafts to the inner side of the thighs, and vaginal injections of hot water.

As a tonic he gives :

℞ Ferri et Potass. Tart.....	1½ drachms
Aloes Socot.....	15 grains
Ext. Absinthii.....	15 grains
Ext. Artemisiæ.....	15 grains
Oil Anisi.....	3 drops

M. For 50 pills. Sig.—Two pills to be taken after each meal.

Bloom, in “Medical World,” recommends the following for cessation of the menses :

℞ Strychninæ Sulph.....	2 grains
Acidi Oxalici.....	9 grains
Ferri Peptonatis.....	½ drachm
Magnesii Lactat.....	½ drachm
Ext. Colchici Compositi.....	30 grains

M. For 60 capsules. Sig.—One capsule three times a day after meals.

Fothergill recommends the following in amenorrhœa with anemia :

℞ Acidi Arseniosi.....	1 grain
Ferri Sulphat. Exsiccât.....	½ drachm
Pulv. Pip. Nigr.....	¼ drachm
Pil. Aloes et Myrrhæ.....	¼ drachm

M. For 60 pills. Sig.—One twice a day after meals.

Lutaud prescribes the following in amenorrhœa when there is debility and anemia :

℞ Bichloride of Mercury.....	⅓ grain
Sodium Arsenate.....	⅓ grain
Strychniæ Sulphate.....	⅓ grain
Potassium Carbonate.....	15 grains
Iron Sulphate.....	15 grains

M. For 60 pills. Sig.—One pill after each meal.

No. 312.

MENORRHAGIA AND METRORRHAGIA.

Menorrhagia. Immoderate flow of blood from the womb at the menstrual periods.

Metrorrhagia. (To "break forth.") Excessive discharge (usually hemorrhage) from the womb.

TREATMENT :

The following treatments are recommended in the "N. E. Med. Mon.":

℞ Ext. Mammillæ..... $\frac{1}{2}$ ounce

M. For 24 compressed tablets. Sig.—One or two tablets three times a day.

Indications—Used to control hemorrhage due to uterine fibroids.

℞ Oil Cinnamomi.....1 drachm

M. Pone in capsulas No. 30. Sig.—One after meals.

Indications—Used in oozing hemorrhage.

MENORRHAGIA IN YOUNG GIRLS—

A. G. Wollenmann, in "Der Frauenarzt," says that the patient must remain in bed during the entire period of the menstruation and must not leave it until twenty-four to forty-eight hours after the entire disappearance of the flow. The patient must lie on her back without moving the arms or legs. Meals are to be taken in bed. These regulations are difficult to carry out, and yet they are the only ones giving positive results.

During the first month's treatment, the duration of the flow is diminished by a day or two; this improvement becomes more marked every month. When these girls leave their beds, all physical and mental exertion must be forbidden. Long walks, dancing, bicycling, horseback riding, and machine sewing must be given up for a time and returned to gradually after the cure. The general condition with its eliminative and assimilative functions must be

improved. Balls, parties, or theatres are absolutely forbidden. Cold douches and massage stimulate the skin. All highly seasoned food stuffs, alcohol, strong coffee and tea—in short, everything which tends to irritate the nervous system or leave the system loaded with toxins (poison)—are to be avoided.

ERGOTIN PER RECTUM IN METRORRHAGIA —

According to “*Jour. de Med. de Paris*,” in cases where ergotin is not well borne by the mouth, it can, after preliminary lavage, be injected per rectum in the following combination :

R	Ergotin	2½ drachms
	Acidi Salicylici	3 grains
	Glycerin	5 drachms
	Aq. Dest	2½ ounces

M. Sig.—Inject one teaspoonful per rectum, first diluting it with three tablespoonfuls of water.

No. 313.

PROLONGED MENSTRUATION.

TREATMENT :

The following combination is prescribed by Robin in prolonged menstruation :

When the menses come too soon and the period prolonged beyond the ordinary term there should be taken at the two principal meals, beginning eight days before the proper menstrual period, one to two coffeespoonfuls of this mixture :

R	Elix. Garus	3½ ounces
	Ext. Hydrastis, Fl.	¾ drachm
	Ext. Viburnum, Fl.	¾ drachm

M. Sig.—Take as directed above.

This medication must be discontinued from the day the menses begin, and be resumed on the fourth day if flow is prolonged.

No. 314.

PREMENSTRUAL PAINS.

PAINS BEFORE THE MENSES BEGIN.

TREATMENT :

The "Lion Medical" quotes the following from the "Revue Medicale":

R _y	Codine.....	$\frac{1}{4}$ grain
	Chloral.....	$7\frac{1}{2}$ grains
	Ammonii Bromidi.....	$7\frac{1}{2}$ grains
	Aq. Camph.....	450 grains

M. Sig.—To be taken in one dose on going to bed.

The "Lion Medical" adds: Before employing this remedy, which can not be an agreeable one, we advise practitioners to try antipyrine in a dose of from fifteen to thirty grains. We have seen greater relief follow this treatment even than that which follows the hypodermic injection of morphine.

No. 315.

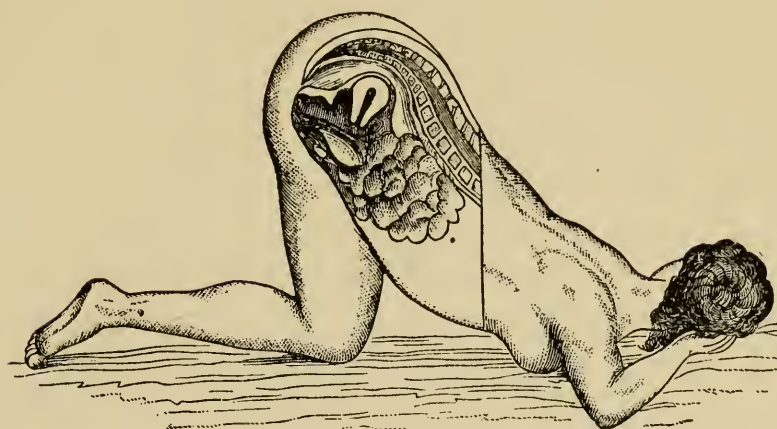
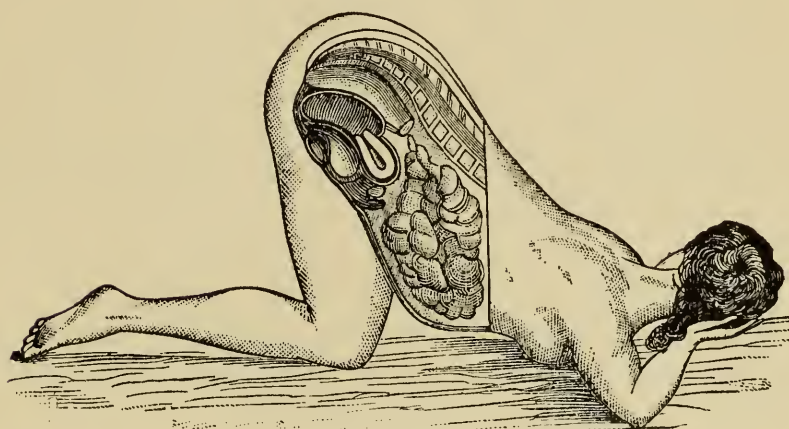
TO PREVENT MAMMARY (BREAST) ABSCESS.

Dr. Miall, in "N. E. Med. Mon." recommends the following combination as a preventative of the formation of abscesses or gathering of the breasts.

R _y	Aquæ Ferv.....	1 pint
	Ammonii Carb.....	1 ounce

M. Sig.—Apply by means of cloths, as hot as can be borne, every two hours, or oftener.

No. 316.

**FALLING OF THE WOMB, AND HOW TO
REPLACE IT.****Fig. 31.****Fig. 32.**

The only way in which a woman can replace a fallen womb is by getting in the knee and chest position as shown by Fig. 31, and while in this position open the parts and let the air pass into the vagina. When this is properly done the entire contents within the abdominal walls instantly drop forward as shown in Fig. 32. However, the womb may have become so imbedded that, for a few times at first, it will require gentle pressure with the finger upon the womb to start it forward.

After thus being replaced, she should lie down carefully so as to retain all the air in the vagina that is possible, which will then act as a support until morning.

Falling of the womb may be caused by an injury, increase in its size and weight, or from a weakening of the ligaments that support it. To remedy this the womb must be reduced to its normal weight and the ligaments which support it strengthened. The first thing of importance is the replacing of the womb every evening upon retiring as described above. This will relieve the womb of its congested state and remove the strain upon its supports for at least seven or eight hours out of every twenty-four, which will greatly assist in effecting a cure; without it, but little can be accomplished. The symptoms and treatment for enlargement (subinvolution) of the womb are in No. 309. If due to causes other than enlargement of the womb, replace it as directed, and use treatment for endometritis (No. 308), or for leucorrhœa (No. 301), or if necessary both treatments may be used at the same time as neither one of the two last named troubles can exist independent of the other.

In addition to the above treatment, if the system is run down, use No. 40 or No. 27 as may be indicated by the symptoms. Keeping the bowels regular is of the utmost importance in treating diseases of the womb.

NO. 317.

CHRONIC CYSTITIS.

INFLAMMATION OF BLADDER.

TREATMENT:

The following preparation is recommended in "*Jour. de Medecine de Paris*," in the treatment of cystitis or bladder trouble which produces pain over the pubes (135, Fig. 28):

- ℞ Salol..... $\frac{1}{2}$ drachm
 Pulv. Gum Arabic..... $\frac{1}{2}$ drachm
 Gum Tragacanth.....3 grains
 Tinct. Tolutani..... $2\frac{1}{2}$ drachms
 Syr. Simpl.....1 ounce
 Aquæ Dest., to make.....4 ounces
- M. Sig.—One teaspoonful three times a day.

No. 318.

OVARIAN NEURALGIA.

TREATMENT :

According to "N. Y. Med. Jour.," the following pill has proved of great service in the treatment of neuralgia of the ovaries :

- ℞ Camphor Monobromide.....25 grains
 Powd. Capsicum.....40 grains
 Confec. Rosæ, q. s., ad.

M. For 20 pills. Sig.—One pill three times a day.

Martin's formula for neuralgia of the ovaries is as follows:

- ℞ Ext. Belladonna.....3 grains
 Ext. Stramonium..... $2\frac{1}{2}$ grains
 Lactophenin 90 grains

M. For 20 powders. Sig.—Two or three to be taken daily.

No. 319.

DISEASED OR PROLAPSED OVARIES.

TREATMENT :

In prolapsed or falling of the ovaries, the pain is greatly increased by walking or jolting. The treatment consists in replacing and holding them in position until they are relieved of the congested state which they are in. This is best accomplished by means of three cotton

balls: one large and two small ones. The small ones to be smeared over with vaseline and placed under the ovaries on either side of the womb. The larger ball is then smeared over with boro-glyceride and placed under the smaller ones to hold them in position. A string should be attached to each ball for the purpose of withdrawing them. The boro-glyceride is composed of boric acid and glycerin—as much of the acid as the glycerin will dissolve. The cotton should be removed within twelve or eighteen hours after being placed and the vagina thoroughly cleansed by injections of hot water. Treatment should be repeated three or four times a week until cured.

No. 320.

OVARIAN PAIN AT THE MENSTRUAL PERIODS.

TREATMENT:

℞ Ext. Belladonna.....1 grain
 Pulv. Opii.....3 grains
 Gum Asafœtidæ..... $\frac{1}{2}$ drachm
 Cacao Butter, q. s. ad.

M. For 6 suppositories. Sig.—One by rectum, morning and night, while suffering.

Macnaughton prescribes the following in ovarian pain:

℞ Potassii Bromidi.....10–15 grains
 Chloralis Hydratis.....8–12 grains

M. Sig.—At one dose. Given at intervals of four hours.

No. 321.

CHLOROSIS.

GREEN-SICKNESS.

A disease peculiar to young females under retention or suppression of the menstrual discharge.

TREATMENT :

In chlorosis of pale, bloodless young girls with cessation of the menstrual discharge, Fothergill prescribes the following:

℞	Acidi Arseniosi.....	1 grain
	Ferri Sulphatis Exsiccati.....	$\frac{1}{2}$ drachm
	Pulv. Piperis Nigri.....	$\frac{1}{2}$ drachm
	Pilulæ Aloes et Myrrhæ.....	$\frac{1}{2}$ drachm

M. For 40 pills. Sig.—One pill twice a day, after meals.

Prof. Goodell has also suggested for this same condition, which is often associated with neurasthenia (nervous debility), the following combination:

℞	Tinct. Ferri Chloridi.....	$2\frac{1}{2}$ drachms
	Hydrarg. Chloridi Corros.....	2 grains
	Liq. Arsenici Chloridi.....	$2\frac{1}{2}$ drachms
	Acidi Hydrochlorici Dil.....	5 drachms
	Syr. Simplicis, to make.....	4 ounces

M. Sig.—One teaspoonful in water three times a day, after meals.

The following is an old time favorite, suggested by Prof. Francis Gurney Smith; it certainly contains a number of well-known drugs, which should make it effective:

℞	Strychninæ Sulphatis.....	1 grain
	Acidi Arseniosi.....	2 grains
	Ext. Belladonna.....	5 grains
	Quininæ Sulphatis.....	$7\frac{1}{2}$ grains
	Pulv. Ferri.....	$7\frac{1}{2}$ grains
	Ext. Taraxaci.....	$\frac{1}{2}$ ounce

M. For 40 pills. Sig.—One pill after each meal.

Liegeois prescribes the following:

℞ Iron Sulphate.....	75 grains
Sugar of Milk.....	225 grains
Powd. Cascara Sagrada.....	375 grains

M. For 100 powders. Sig.—One powder to be taken after each meal.

Dr. Max Kahaue, in “*Berliner Klinische Wochenschrift*,” recommends the following for stimulating the appetite in chlorosis:

℞ Tinct. Cinchona Comp.....	$\frac{1}{2}$ ounce
Tinct. Orange Peel.....	$\frac{1}{2}$ ounce

M. Sig.—Fifteen to 20 drops in half a glassful of water before meals.

CHLOROSIS AND ANEMIA—

Dr. Claude Muirhead recommends the following:

℞ Iron Sulphate.....	$1\frac{1}{3}$ drachms
Potass. Carbonate.....	$1\frac{1}{3}$ drachms
Gum Tragacanth.....	$1\frac{1}{3}$ drachms

M. For 96 pills. Sig.—One pill three times daily.

No. 322.

VULVAR PAPILLOMA.

Numerous small wart-like growths on the vulva (privates).

TREATMENT:

℞ Acidi Salicylici.....	30–38 grains
Collodii Flex.....	75 grains

M. Sig.—A few drops are to be applied to eight or ten of the warts at a time. On the following day eight or ten more may be treated and a fresh application made to the first ones, and so on until they are cured.

No. 323.

OVARIAN HEADACHE.

TREATMENT :

Sinkler's formula for headache dependent upon ovarian disease is as follows :

℞ Ammonii Bromidi.....6 drachms
 Ext. Hydrastis, Fl..... $\frac{1}{2}$ ounce
 Tinct. Gentian Comp..... $1\frac{1}{2}$ ounces
 Aquæ 4 ounces

M. Sig.—A dessertspoonful in water three times a day.

No. 324.

ANEMIC AND UTERINE HEADACHES.

TREATMENT :

In anemic neadaches associated with uterine disorders Hamilton prescribes :

℞ Ammonii Bromidi.....1 ounce
 Tinct. Cannabis Indicæ.....1 drachm
 Mucilag. Acaciæ.....4 ounces
 Spir. Menthol. Pip.....2 drachms

M. Sig.—One teaspoonful in water three times daily.

No. 325.

VOMITING OF PREGNANCY.

TREATMENT :

Baer prescribes the following in vomiting of pregnancy :

℞ Bismuthi Sub-nitratis.....2 drachms
 Pepsini Sacchari.....1 drachm
 Sodii Bicarb... .. $\frac{1}{2}$ drachm
 Sacch. Lactis.....1 drachm

M. For 12 powders. Sig.—One powder every three hours.

In addition he advises the following:

℞ Acidi Nitro-Hydrochlor. Dil. . . . 1½ drachms
 Spir. Limonis 1 drachm
 Syr. Simp. 2 ounces

M. Sig.—One teaspoonful in a wineglass of ice water three times a day.

Bacon states that proper intracranial circulation should be maintained by assuming the horizontal position, which is the most important of all things in treating severe vomiting of pregnancy. This position must be persistently maintained. Keep the head lower than the feet and give nourishment without raising the head. During the attacks of vomiting the patient may be turned on the side, but for no reason should she be raised.

1. Rest in bed.

2. A cup of strong coffee, without sugar or cream, in the morning before rising.

3. Liquid diet, milk with lime-water, egg albumen, tomatoes, beef-juice.

4. It is sometimes advisable to wash out the stomach—lavage.

5. Rest the stomach and feed by rectum.

℞ Liq. Potassii Arsenitis 1 ounce

M. Sig.—Two or three drops in water before meals.

Or:

℞ Orexini Tannatis 1 drachm

M. For 12 capsules. Sig.—One capsule four times daily.

Or:

℞ Acidi Carbol 16 drops
 Cocainæ Hydrochlor 3 grains
 Glycerini ½ ounce
 Aquæ, to make 2 ounces

M. Sig.—One teaspoonful before rising in the morning, and repeat in fifteen minutes if necessary.

Or:

℞ Cocainæ Muriatis 2 grains
 Aq. Dest. 2 ounces

M. Sig.—One teaspoonful before meals; and:

℞ Ext. Nucis Vomicæ.....3 grains
 Pepsini Sacchari.....22½ grains
 Bismuthi Sub-nitratis.....22½ grains

M. For 15 capsules. Sig.—One capsule after each meal.

Federo prescribes the following:

℞ Ext. Hydrastis Canadensis, Fl.....1 ounce

M. Sig.—Twenty drops in water for three doses.

Hydrastis is said to lower the blood-pressure, quiet the nervous centers and lessen uterine hyperæmia.

Dr. Neall gives:

℞ Potassii Bromidi.....2 drachms
 Sol. Strychninæ.....½ drachm
 Aq. Chloroformi, to make.....3 ounces

M. Sig.—Two teaspoonfuls in water three or four times daily.

Gould and Pyle prescribe:

℞ Menthol.....12 grains
 Spir. Frumenti.....6 drachms
 Syr. Simp.....1 ounce

M. Sig.—One teaspoonful every hour until relieved.

Or:

℞ Menthol.....1½ drachms
 Oil Olivæ, to make.....1 ounce

M. Sig.—Ten drops on sugar every hour until vomiting ceases.

NO. 326.

CONSTIPATION IN PREGNANCY.

TREATMENT:

The following combination is prescribed by Mark-with for constipation during pregnancy:

℞ Flowers of Sulphur.....3 drachms
 Pulv. Senna Leaves.....½ ounce
 Pulv. Licorice Comp.....½ ounce
 Sac. Alb.....1½ ounces

M. Sig.—Teaspoonful of this powder in half a glass of water at bed-time.

No. 327.

SORE NIPPLES.

TREATMENT :

Scarff prescribes the following as a local application for inflamed nipples :

R	Balsam of Peru.....	$\frac{1}{4}$ drachm
	Tinct. Arnica.....	$\frac{1}{4}$ drachm
	Expressed Oil of Almond.....	$\frac{1}{4}$ ounce
	Aq. Lime.....	$\frac{1}{4}$ ounce

M. Sig.—Shake well, and apply to the inflamed nipples with a camel's hair brush after cleansing them with borax and water.

OINTMENT FOR CRACKED NIPPLES —

According to Crinon the following ointment for cracked or fissured nipples is recommended by Vina :

R	Aristol.....	1 part
	Vaseline.....	20 parts

M. Sig.—To be applied after each act of suckling.

The following formulæ are given in the “Dominion Med. Mon.” for sore nipples :

R	Tinct. Benzoini Compositæ.....	2 drachms
	Listerine	4 drachms

M. Sig.—Shake. Bathe the nipples and apply freely after each nursing.

Indications—Used to prevent or heal fissures.

R	Tinct. Benzoini Compositæ.....	$\frac{1}{2}$ drachm
	Spir. Camphoræ	16 minims
	Oil Olivæ.....	2 drachms
	Adeps Lanæ Hydrosi, to make.....	1 ounce

M. Sig.—Apply freely to nipples after each nursing.

Indications—Used as prophylactic and to promote healing.

R	Cocaine Hydrochloratis.....	20 grains
	Aquæ	1 ounce

M. Sig.—Apply to nipples before lactation (nursing). Caution: Wash off before allowing infant to be suckled.

Indications—Used to relieve pain while nursing.

No. 328.

DEFICIENCY IN MILK SECRETION.

TREATMENT :

The following is recommended in "Jour. A. M. A." for deficiency in milk:

℞ Tinct. Nucis Vomicæ.....4 drachms
Calcii Glycerophosphatis.....15 grains
Elix. Calisayæ.....4 ounces

M. Sig.—One teaspoonful in water three or four times daily.

Schein lauds massage of the abdomen to increase a deficient milk secretion. It should be practised daily for half an hour, or an hour, the movement being made upwards from the pelvis (lower part of bowel) to the breasts. With this may be associated massage of the breasts themselves. Schein's explanation is that the function of the milk glands is intimately connected with the amount of blood brought to these glands from the genital organs by means of the abdominal walls.

No. 329.

HYSTERIA IN YOUNG GIRLS.

TREATMENT :

The "Jour. de Medecine de Paris" gives the following:

1. Hot poultices of belladonna leaves, moistened with oil of hyoscyamus, to be applied to the abdomen.
2. The patient to be kept in absolute repose and silence during the menstrual period.
3. The patient to be plunged daily in a bath of linden at 98.6° F. for an hour or an hour and a half.

To the bath the following decoction should be added:

℞ Linden Flowers.....4,500 grains
Aq. Bull.....4 pints

M. Sig.—Add to bath as directed above.

The following solution should be injected into the bowel after the bath and retained:

℞ Valerianate of Ammonia..... $4\frac{1}{2}$ grains
Powd. Camphor..... $3\frac{3}{4}$ grains
Yolk of.....1 egg
Decoction of Valerian.....3,000 grains

M. Sig.—Inject as directed above.

4. Five days before and five days after several successive menstrual periods from thirty to forty drops, in divided doses of ten drops each, should be administered of an alcoholate of the leaves and roots of anemone pulsatilla.

5. Should this treatment fail, after three months should be administered, five days before, during, and five days after several successive menstrual periods, 75 grains of tincture of viburnum prunifolium, from forty to fifty grains being administered daily, divided into two doses.

6. Inhalations of ether or chloroform in small quantities in cases of acute crises.

No. 330.

TO CHECK THE SECRETION OF MILK.

TREATMENT:

The “Revue Generale de Medecine, de Pharmacie et d’Hygiene Pratiques,” gives the following:

℞ Sulphate of Atropine..... $\frac{45}{100}$ grain
Sulphate of Magnesium.....1,350 grains
Infusion of Gentian.....3,600 grains

M. Sig.—One soup-spoonful every two hours.

The following solution will arrest the secretion of milk:

℞ Camphor 1 drachm
Tinct. Belladonna.....3 drachms
Oil Terebinth.....6 drachms

M. Sig.—Liniment. Apply to the breasts from three to five times daily.

NO. 331.

INFLAMMATION OF THE BREASTS.

TREATMENT :

The following is recommended in the “N. E. Med. Mon.”:

℞ Ungt. Belladonnæ 1 ounce
Ungt. Hydrargyri..... $\frac{1}{2}$ ounce
Ichthyoli, Fl..... $\frac{1}{2}$ ounce
Cerati Plumbi Subacetatis.....1 ounce

M. Sig.—Ointment. Apply to breasts freely, and employ tight breast binder.

Indications—Used in acute inflammation with hardness and pain. Active saline purge at beginning of treatment.

℞ Liq. Plumbi Subacetatis.....1 ounce
Tinct. Opii.....1 ounce

M. Sig.—Add to one quart of water, and keep constantly applied to breasts on soft cloths.

Indications—Used to abort (prevent or cut short) acute inflammation. Keep breasts tightly bandaged. Give active saline purge (dose of salts) at the beginning of the treatment.

No. 332.

MASTODYNIA.

NEURALGIA OF BREASTS.

TREATMENT :

Romberg, in "N. E. Med. Mon.," recommends the following for neuralgia of the breasts :

℞ Ext. Conii 20 grains
 Ext. Papaveris 20 grains
 Ext. Stramonii 5 grains

M. For 20 pills. Sig.—One pill morning and evening, and apply locally the following :

℞ Aconite 4 grains
 Veratriæ 15 grains
 Glycerin 2 drachms
 Cerati 6 drachms

M. Sig.—Rub over breasts. Must not be used where there are sores or rawness of the skin.

No. 333.

IRRITABILITY OF THE BLADDER AFTER DELIVERY.

TREATMENT :

Fothergill prescribes the following :

℞ Salol 1 drachm
 Tinct. Hyoscyami 1 drachm
 Infusi Buchu, to make 6 ounces

M. Sig.—Shake, and take one teaspoonful three times a day.

Or :

℞ Liq. Potassæ 1 drachm
 Mucilag. Acaciæ $\frac{1}{2}$ ounce
 Tinct. Hyoscyami, to make 2 ounces

M. Sig.—One teaspoonful three times a day.

No. 334.

PIGMENT (BROWN) SPOTS OF PREGNANCY.

TREATMENT:

The following is given in "N. E. Med. Mon.":

R _y	Zinc Oxid.....	1 drachm
	White Precipitat.....	1½ grains
	Castor Oil.....	2 drachms
	Ess. of Rose.....	10 drops
	Cacao Butter.....	2 drachms

M. Sig.—Apply to brown spots morning and evening.

No. 335.

ALBUMEN OF PREGNANCY.

TREATMENT:

James W. McLane orders rest in bed, plenty of fresh air, skimmed milk diet, with no alcoholic liquors, half a gallon of water (not mineral water) a day to flush out the kidneys, a daily warm bath, and when needed the following pill:

R _y	Ext. Colocynth. Comp.....	2 grains
	Mass. Hydrarg.....	1½ grains
	Ext. Nucis Vom.....	¼ grain
	Pulv. Aloes.....	½ grain

For an acute case he advises venesection, if plethoric, or dry or wet cupping over the loins, with free catharsis by compound jalap powder, or calomel, 10 grains, and soda bicarbonate 20 grains. If there is no relaxation of the symptoms, induce labor as soon as the child is in sight.

No. 336.

POST-PARTUM HEMORRHAGE.

TREATMENT :

The following formulæ are recommended by Bonjean :

℞ Ergotoli.....4 drachms

M. Sig.—Teaspoonful by mouth or thirty drops hypodermically. Smaller doses repeated as required until uterus is firmly contracted.

Indications—Used in post-partum hemorrhage.

℞ Ext. Ergotæ, Fl.....1 ounce

M. Sig.—Two teaspoonfuls by mouth or half to one teaspoonful hypodermically. Repeated in smaller doses as required until uterus is firmly contracted.

Indications—Used in post-partum hemorrhage.

℞ Sodii Chloridi.....30–60 grains

Aq. Dest. Ferventis, Fl.....32 ounces

M. Sig.—To be employed by hypodermoclysis.

Indications—Used in collapse from exsanguination after severe hemorrhage from any cause. The quantity to be employed is not to be greater than one fluid drachm to each pound of body-weight every fifteen minutes until one or two quarts are injected, or until the pulse improves.

℞ Ergotinæ.....16 grains

Syr. Aurant. Flores.....1 ounce

Aquæ.....3 ounces

M. Sig.—One tablespoonful every three hours.

Farquharson employs the following:

℞ Acidi Gallici.....1 drachm

Glycerinæ..... $\frac{1}{2}$ ounce

Aq. Dest.....6 ounces

M. Sig.—Two tablespoonfuls three times a day.

No. 337.

INSTANT RELIEF OF AFTER-PAINS.

According to Pinterburn, in many cases a nice meal is better than any medicine; still, where the pains are exhaustingly severe, he turns to nitrate of amyl. This potent drug is a very efficient controller of after-pains, and, used cautiously, he sees no reason to apprehend danger from it. A neat way of using it is to saturate a small piece of tissue paper with five or six drops, stuff this into a two-drachm vial and request the patient to draw the cork and inhale the odor when she feels the pains coming on. It acts with magical celerity.

No. 338.

RIGID PERINEUM.

TREATMENT:

Southworth recommends the following:

R	Chloroform.....	1 ounce
	Sulphuric Ether.....	$\frac{1}{4}$ ounce
	Spir. Cologne.....	$\frac{1}{4}$ ounce

M. Sig.—Apply to the perineum.

Indications—Used to prevent rupture of the perineum during labor (child-birth). Applications of cloths wrung from hot water, it is said, will answer the same purpose.

No. 339.

TO PROMOTE UTERINE CONTRACTIONS.

In cases of deficient uterine contractions during labor, due to a lack of muscle tone, Ringer prescribes the following combination:

℞ Quininae Sulphat.....40 grains
 Acidi Sulphurici Aromat to dissolve.....
 Syr. Zingiberis.....1 ounce
 Aquæ, to make.....2 ounces

M. Sig.—Initial dose, one tablespoonful ; afterward, two teaspoonfuls every four hours.

No. 340.

HEMORRHAGE IN THREATENED ABORTION.

In hemorrhage of threatened abortion, the custom is, after providing the means destined to calm the uterine contractions,—opium, rest, ice to the hypogastrium,—to prescribe a hemostatic agent which will not provoke tetanic contractions of the organ, such as *hydrastis canadensis*, *viburnum prunifolium*, or *hamamelis virginica*. According to Professor Bossi, these agents are not always to be relied upon, on account of the difference of temperament so frequently witnessed in patients. Much disappointment would be obviated if these agents were prescribed together, according to the following formula:

℞ Fl. Ext. Hydrastis Canadensis..... $\frac{1}{2}$ drachm
 Fl. Ext. Hamamelia Virginica..... $\frac{1}{2}$ drachm
 Fl. Ext. Viburnum Prunifolium..... $\frac{1}{2}$ drachm
 Tinct. Piscidia Erythrina..... $\frac{1}{2}$ drachm
 Laudanum $\frac{1}{2}$ drachm

M. Sig.—A teaspoonful of this mixture to be given every eight hours if necessary.

No. 341.

PREMATURE BABIES.

At the Slone Maternity Hospital premature babies are either placed in an incubator, or enveloped in cotton, or surrounded by hot water bags. At first they are

given one-half to one teaspoonful of six per cent. sugar-of-milk solution every hour, and this is gradually increased by the addition of breast milk until the latter predominates. To promote sucking at the bottle they are made to cry, or their lips are moistened; if they will not suck they are fed by pipette. Gavage is seldom used as they do not stand it well. Incubator babies are kept in the incubator as long as premature, but the others are put to the breast in from three to ten days. If stimulation is needed, oxygen and brandy, a few drops at a dose, are employed. Modified milk, with fat, 1 per cent., sugar 6 per cent. and proteids, 0.33 per cent., may also be given.

No. 342.

CARCINOMA (CANCER) OF UTERUS.

TREATMENT:

In carcinoma of uterus Parvin prescribes:

℞	Iodinii.....	1 drachm
	Brominii.....	2 drachms
	Acidi Carbolici.....	4 drachms
	Alcoholis, Fl.....	8 drachms

M. Sig.—Apply and then introduce a saturated solution of bi-carbonate of sodium.

The following is recommended as a deodorizer in uterine cancer:

℞	Acidi Salicylici.....	6 grains
	Sodii Salicylat.....	3 drachms
	Tinct. Eucalypt.....	6 drachms
	Aq. Dest., to make.....	6 ounces

M. Sig.—Two or three tablespoonfuls to a pint of water as an injection, frequently repeated.

No. 343.

FIBROID CHANGE OF THE UTERUS.

TREATMENT :

Oliver prescribes the following combination in fibroid change of the uterus :

℞	Ext. Ergot Liq.....	2 $\frac{2}{3}$	drachms
	Tinct. Ferri Perchlor.....	2	drachms
	Spir. Chloroform.....	2 $\frac{1}{3}$	drachms

M. Sig.— Ten drops to be taken in two tablespoonfuls of water every four hours.

No. 344.

PUERPERAL (CHILD-BED) FEVER.

TREATMENT :

The following is recommended in “N. E. Med. Mon.”:

℞	Hydrarg. Chlor. Mit.....	5	grains
	Sodii Bicarbonatis.....	10	grains

M. Sig.— One dose, to be taken on tongue at once.

Indications— Initial treatment to relieve constipation.

℞	Oleoresinæ Capsici.....	2	drops
	Quininæ Hydrochloratis.....	1	drachm

M. For 12 capsules. Sig.— One capsule every hour until cinchonism, then at less frequent intervals to keep patient continuously under effects of drug.

℞	Oil Terebinthinæ, Fl.....	4	drachms
	Ungt. Belladonna.....	4	drachms
	Ungt. Hydrargyri.....	1	ounce
	Ichthyoli, Fl.....	4	drachms
	Adipis Lanæ Hydrosi, to make.....	4	ounces

M. Sig.— Apply freely to abdomen, and cover with new white cloth.

Indications— Used in peritonitis.

℞	Ungt. Crede.....	1	ounce
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M. Sig.— One to two drachms used by inunction over abdomen each day.

Indications—Used in conjunction with the usual remedies employed to combat sepsis.

PUERPERAL SEPTIC INFECTION—

Budin (“L’Obstetrique”) reports his results in the treatment of puerperal septic infection. His material embraced 33 cases brought to the hospital from outside, and 59 cases having rise of temperature among patients confined in the hospital. Of the first series of 33, washing out of the uterus, with digital exploration, was sufficient. In 13 cases he had recourse to a prophylactic curetting, and in 16 cases he made digital exploration and used the *ecouvillon*. This instrument is a swab or brush which is passed thoroughly over the mucous membrane of the uterus to remove debris. Of the 33 cases, one died and the remainder recovered.

Of the 59 who had fever contracted within the hospital, in 5 digital exploration and douching were sufficient. In 54 digital exploration and the use of the *ecouvillon* were practised. None of these patients died, but all made speedy recoveries.

No. 345.

CRAMPING PAINS AT MENSTRUAL PERIODS.

TREATMENT :

R̄ Tinct. Belladonna..... $\frac{1}{2}$ ounce
 Tinct. Opii..... $\frac{1}{2}$ ounce
 Glycerin.....1 ounce

M. Sig.—Soak a small, soft sponge, with a string attached, in this solution and pass it well up into the vagina. The string is to remove it by.—AUTHOR.

R̄ Tinct. Belladonna.....2 drachms
 Tinct. Opii Deod..... $\frac{1}{2}$ ounce
 Elixir Valerianate Ammo.....2 ounces

M. Sig.—One teaspoonful every three hours until comparative relief is obtained. A fomentation of hops to the bowels will aid in effecting relief.

Indications—Used in cramping and vomiting during the menstrual period.—ATLA.

MENSTRUAL COLIC—

Da Costa recommends the following formula:

℞ Chloroform (Pure).....	2 drachms
Spir. Camphor.....	2 drachms
Spir. Æther Nitros.....	6 drachms
Spir. Æther Comp.....	6 drachms

M. Sig.—One-half to a teaspoonful in two tablespoonfuls of water to which a teaspoonful of good whiskey has been added, every half hour for three doses.

No. 346.

MENOPAUSE.

CHANGE OF LIFE.

TREATMENT:

The following formula is recommended in “N. E. Med. Mon.”:

℞ Quininæ Valerianatis.....	10 grains
Zinci Valerianatis.....	10 grains
Ferri Valerianatis.....	10 grains

M. For 30 pills. Sig.—One pill after each meal.

Indications—Useful in anemia and nervousness.

Parvin prescribes the following:

℞ Ammonii Bromidi.....	2 drachms
Sodii Bromidi.....	$\frac{1}{2}$ ounce
Spir. Ammon. Aromat.....	6 drachms
Aq. Camphoræ, to make.....	6 ounces

M. Sig.—Tablespoonful every four hours.

NERVOUS SYMPTOMS AT MENOPAUSE—

Godell prescribes:

℞ Ammonii Bromidi.....	2 drachms
Potassii Bromidi.....	4 drachms
Spir. Ammoniaë Aromat.....	6 drachms
Aquæ Camphoræ, to make.....	6 ounces

M. Sig.—A dessertspoonful every four hours.

SALT BATHS IN DISTURBANCES OF MENOPAUSE —

Gottschalk, as noted in "Brit. Gyn. Jour.," advocates the employment of hot salt-water baths, lasting about twenty minutes, to be taken every evening at bed-time, as an excellent means of combating the night attacks of heat and sweating from which many women are troubled at the time of change of life.



DISEASES OF CHILDREN.

No. 347.

CONSTIPATION.

TREATMENT :

Constipation in breast-fed infants is caused by an excess of casein (albumen; curd) in the mother's milk, and the first step, therefore, must be to regulate the habits and life of the mother. She must be placed on a diet of fresh meat, fresh vegetables, and freshly cooked fruit, with regular exercise and restriction in the matter of tea drinking or other dietetic irregularities. Should this fail, give the child cream in doses of from one to two teaspoonfuls in warm water from time to time, and rub the bowels with a little sweet oil.—PARVIN.

R Tinct. Nucis Vom.....8 minims
 Tinct. Belladonnæ.....16 minims
 Infusi. Sennæ.....3 $\frac{2}{3}$ drachms
 Infusi. Gentianæ, to make.....2 ounces

M. Sig.—One teaspoonful three times a day before meals by a child from eight to twelve years old.—N. E. MED. MON.

LAXATIVE —

R Mannæ $\frac{1}{2}$ ounce
 Magnesiæ (Calcined)..... $\frac{3}{4}$ ounce
 Sulphuris Loti..... $\frac{3}{4}$ ounce
 Mellis Despumati, to make.....4 ounces

M. Sig.—A tablespoonful to be taken in a cup of hot milk. The dose can be increased if necessary.—FERRAND.

No. 348.

DIARRHŒA.

TREATMENT:

℞ Bismuth Sub-nit. $1\frac{1}{2}$ drachms
 Bismuth Salicylatis. 15 grains
 Tinct. Rhei Aromat. $\frac{1}{2}$ drachm
 Aquæ Dest., to make. 2 ounces

M. Sig.—One-half to a teaspoonful every one or two hours.

Indications—Used in summer complaint.—HAYWARD.

℞ Pepsini (Scale) 2 drachms
 Acidi Hydrochlorici Dil., Fl. $\frac{1}{2}$ drachm
 Aq. Camphoræ, Fl. 4 drachms
 Aquæ, to make, Fl. 3 ounces

M. Sig.—One-half to a teaspoonful in water three times a day.

Indications—For subacute summer diarrhœa with lientery (food passed undigested).

℞ Magnesiæ. 1 drachm
 Pulv. Rhei. 24 grains
 Pulv. Crêtæ Comp. 2 drachms

M. For 24 powders. Sig.—One powder every four hours.

Indications—Used in diarrhœa with acid or sour smelling stools.—N. E. MED. MON.

The following is recommended by Hirsch, in “Pediatrics”:

℞ Argenti Nitratis. 1 grain
 Sacchari Albi. 2 drachms
 Aq. Dest. 2 ounces

M. Sig.—One teaspoonful every two hours.

Indications—Used in diarrhœa of newly weaned infants.

The following is recommended by Prof. Stewart:

℞ Zinci Sulpho-Carb. $2\frac{1}{2}$ grains
 Lacto-Peptine. 12 grains
 Bismuth Sub-nit. 18 grains

M. For 12 powders. Sig.—One every two hours until relieved; then less frequent, or give as necessary to control the bowels.

Indications—Used in green diarrhœa of babes.

In cases where astringents are indicated the following is recommended :

℞ Bismuth Sub-nitratis.....1 drachm
Misturæ Cretæ Comp.....3 drachms
Glycerini.....4 drachms
Mist. Acaciæ.....1½ ounces
Aq. Menth. Pip., to make.....4 ounces

M. Sig.—One teaspoonful every two hours until the diarrhoea is checked.

No. 349.

DYSENTERY IN CHILDHOOD.

TREATMENT :

℞ Cocaine Muriat.....cgm. .05
Ergotin.....cgm. .50
Ext. Opii.....cgm. .10
Aristol.....cgm. .25
Oil Theobrom., q. s., ad

M. For 10 suppositories. Sig.—One to be passed into the bowel every two to three hours.—*MEDICAL TIMES AND HOSPITAL GAZETTE.*

Guida recommends the following in the treatment of dysentery in children :

℞ Neutral Potassium Alum.....3 grains
Lead Acetate ¾ grain
Cacao Butter.....5 drachms
Wax.....5 grains

M. For 10 suppositories. Sig.—Pass one into the bowel every three or four hours.

No. 350.

VOMITING.

TREATMENT :

Holt prescribes the following in vomiting of children :

℞ Potassii Bicarb.....25 grains
 Acidi Citrici.....17 drops
 Aq. Amygdalæ Amaræ.....1 ounce
 Aq. Dest.....2 ounces

M. Sig.—One-half to a teaspoonful, according to age, every time vomiting occurs.

REFLEX VOMITING —

The following is recommended in the treatment of reflex vomiting of children :

℞ Oil Absinthii.....1 drop
 Sodii Bicarb.....32 grains
 Aq. Menth. Pip.....2 ounces

M. Sig.—One-half to a teaspoonful every half hour until relieved.

In obstinate vomiting, when the little one is exhausted and apparently lifeless, use this formula:

℞ Cocaine Muriate.....1 to 1½ grains
 Aquæ Calcis.....1 ounce
 Aquæ Cinnamomi.....1 ounce

M. Sig.—Fifteen drops every hour until three doses have been taken, then the same dose, every one and a half hours or oftener, to a child six months or a year old.

Indications—Used to arrest vomiting, to stimulate and strengthen.

NO. 351.

CHOLERA INFANTUM.

TREATMENT:

W. Blair Stewart urges the exhaustive physical and dietetic study of each case, and bids the physician remember that in treatment elimination is first; diet second; hygiene and change of air third, and antiseptics and astringents the last in importance. Calomel and a full rectal injection of the starch mixture is often all that is needed in the way of medicinal treatment.

When there has been purging but no vomiting, administer the following:

℞ Oil Ricini.....1 ounce
Syr. Rhei Aromat.....1 ounce

M. Sig.—One teaspoonful every two hours until a full yellow stool is obtained.

For cases with obstinate vomiting give this:

℞ Hydrarg. Chlor. Mit.....1 grain
Pulv. Ipecac et Opii.....1 grain
Bismuth Subgallatis.....10 grains

M. For 10 powders. Sig.—One every one-half to one hour. Give all the fresh air possible; do not hold the child in the arms, nor rock it, but place it in a cool, solid bed. Always starve these patients for the first twelve or thirty-six hours.

The following formulæ are recommended for cholera infantum, in “N. E. Med. Mon.”:

℞ Iodoform.....2 drachms
Oil Olivæ, Fl.....2 ounces

M. Sig.—Place on ice, and after it becomes cold inject a tablespoonful into the rectum.

Indications—Used to relieve tenesmus (great straining, but no movement of bowels).

℞ Resinæ Podophylli.....1 grain
Spir. Vini Gallici, Fl.....2½ ounces

M. Sig.—Half teaspoonful in water, repeat in half an hour. Repeat treatment twice more at intervals of two hours.

Indications—Used when stools are a mousy odor, with apparently no solid matter, and are colorless. If under the above treatment the stools become bilious in color, the following may be used:

℞ Bismuth Sub-nit.....1 drachm
Misturæ Cretæ Comp.....3 drachms
Glycerini.....4 drachms
Mist. Acacia.....1½ ounces
Aq. Menth. Pip., to make.....4 ounces

M. Sig.—One teaspoonful every two hours until the diarrhœa is checked.

R Tinct. Opii Deodorat., Fl. 2 drachms

M. Sig.—Three to five drops in an ounce of boiled starch by rectal injection.

Indications—Used in excessive vomiting and purging, after removing undigested material from alimentary tract.

Dr. Thompson recommends the following formula, after having cleansed out the bowels with calomel and castor oil:

R Tannalbin. 4 drachms
 Zinci Sulphocarbollatis. $\frac{1}{2}$ drachm
 Cupri Arseniatis. $\frac{1}{10}$ grain
 Bismuth Subgallatis. 4 drachms
 Aq. Cinnamomi, to make. 4 ounces

M. Sig.—One teaspoonful every two to four hours, until bowels are checked, then increase intervals to six to eight hours. This dose is for a child from one to three years old.

In the persistent vomiting of children, suffering from cholera infantum, where the little one is apparently lifeless, and all other remedies have failed, try the following:

R Cocaine Muriat. $1\frac{1}{2}$ grains
 Aq. Calcis. 1 ounce
 Aq. Cinnamomi. 1 ounce

M. Sig.—One-half teaspoonful every two or three hours or oftener, to a child six months or a year old.

The above mixture will arrest the vomiting and at the same time will stimulate and strengthen. Also in convulsions of infants due to indigestion, etc., the above will quiet and arrest all nervousness. In cases where the child cries and draws its legs up as soon as food is taken, it will relieve as if by magic.

In addition to the above combination in the treatment of cholera infantum, use this formula:

℞	Acidi Phenici.....	4 drops
	Aq. Menth. Pip.....	12 drachms
	Alcoholis.....	25 drops
	Mucilaginis Acaciæ.....	5 drops
	Syr. Simp.....	4 ounces

M. Sig.—One teaspoonful every two hours.

No. 352.

COLIC.

TREATMENT:

Illoway states that the treatment of infantile colic is divided into: 1. The immediate relief of the infant. 2. The removal of the exciting cause. As treatment for the first he gives the following combination recommended by Starr:

℞	Sodii Bicarb	15 grains
	Syr. Simp.....	$\frac{1}{2}$ ounce
	Aq. Menth. Pip., to make.....	2 ounces

M. Sig.—One teaspoonful as needed for a child of one month.

It may be made more efficient by the addition of two drops of aromatic spirits of ammonia to each dose, or in severe cases, one drop of chloroform. Or, in severe cases, he advises potassium or chloral as follows:

℞	Potassii Bromidi.....	15 grains
	Chloralis Hydratus.....	8 grains
	Syr. Simp.....	$\frac{1}{2}$ ounce
	Aq. Menth. Pip., to make.....	2 ounces

M. Sig.—One teaspoonful at one dose and repeat if necessary two or three times at intervals of half an hour.

Hare advises the following for a child six months to one year old, suffering with colic:

℞	Cnloralis	16 grains
	Potassii Bromidi.....	22 grains
	Aq. Menth. Pip., Fl.....	2 ounces

M. Sig.—One teaspoonful in warm water every four hours.

According to Ashby and Wright ("Diseases of Children") colic should be treated by large enemata (rectal

injection, 10 to 15 oz.) of warm water and by hot fomentations to the abdomen. The following prescriptions will also be found helpful:

First.

℞ Magnesiæ Carb 20 grains
 Rhei.....2 grains
 Syr. Zingib.....40 minims
 Aq. Menth. Pip., to make.....1 ounce

M. Sig.—One teaspoonful every two hours to infant three to four months old.

Second.

℞ Hydrarg. Cam. Cretæ..... $\frac{1}{8}$ grain
 Pulv. Ipec. et Opii..... $\frac{1}{6}$ grain
 Sacchari $\frac{1}{6}$ grain

M. Sig.—At one dose.

No. 353.

TYMPANITES.

WIND DROPSY.

TREATMENT :

The “Gaz. Hebd. de Med. et de Chir.” credits Freyberger with the following formula for bloating in lower bowel of infants:

℞ Sodii Sulphocarb.....6 grains
 Syr. Aurant. Cort..... $1\frac{1}{4}$ drachms
 Aq. Menth. Pip..... $6\frac{1}{4}$ drachms

M. Sig.—One teaspoonful three times a day for three days.

According to “Jour. Amer. Med. Asso.” the following is of great service to relieve the distress caused by gas collecting in lower bowel of infants:

℞ Magnesia Sulph..... $\frac{2}{3}$ drachm
 Spir. Terebinthinæ.....5 drops
 Tinct. Asafoetidæ..... $\frac{1}{2}$ drachm
 Mucilag. Acaciæ..... $\frac{2}{3}$ drachm
 Aq. Dest..... $1\frac{1}{2}$ ounces

M. Sig.—As an injection per rectum.

No. 354.

INFLUENZA.

LA GRIPPE.

TREATMENT :

Perier prescribes the following for grippe in children :

℞	Tinct. Aconiti	5 minims
	Sodii Benzoatis	20 grains
	Syr. Lactucarii	1½ drachms
	Syr. Aurantii	5 drachms
	Mucil. Acaciæ	3½ ounces

M. Sig.—From a small teaspoonful to a dessertspoonful, according to age, every three hours.

Comby prescribes :

℞	Antipyrin	15 grains
	Aq. Laurocerasi	½ drachm
	Syr. Tolu	1¼ ounces
	Aq. Dest	1⅞ ounces

M. Sig.—From one-half to a teaspoonful, according to age, every hour until ten or twelve doses have been taken.

No. 355.

WORMS.

TREATMENT :

Rex prescribes the following combination for worms in children :

℞	Hydrarg. Chlor. Mit	2 grains
	Santonin	2 grains

M. For 5 powders. Sig.—One powder three times a day ; or, if preferred in liquid form :

℞	Santonin	4 grains
	Ext. Spigeliæ et Sennæ, Fl	1 ounce

M. Sig.—One teaspoonful three times a day.

Pollard counted 168 worms from six to eight inches long from a boy 9 years old, for whom he prescribed the following:

℞ Oil Chenopod. Anthel 1 drachm
 Fl. Ext. Spigeliæ et Sennæ..... $\frac{1}{2}$ ounce
 Santonin 6 grains
 Pulv. Acaciæ.....1 drachm
 Syr. Rhei Aromat. to make.....1 ounce

M. Sig.—Teaspoonful, previously shaken, three times a day, one hour before meals, to be followed in three hours after taking last dose by a tablespoonful of castor oil with ten drops of turpentine.

No. 356.

TAPEWORM.

TREATMENT:

The following is recommended for tapeworms in children in "N. E. Med. Mon.":

℞ Pelletierine Tannatis.....2 grains
 Syr. Acaciæ, Fl.....4 drachms
 Aq., to make.....1 ounce

M. Sig.—Shake. Give in two doses at intervals of half an hour, and follow in an hour by brisk purge.

Indications—Used for tapeworm in a child four to six years old. Children under two years should not be given pelletierine.

No. 357.

INTERTRIGO.

CHAFING; GALLING; EXCORIATION.

TREATMENT:

The following formula is given in "N. E. Med. Mon.":

℞ Zinci Stearatis.....4 drachms

M. Sig.—Apply freely several times a day as dusting powder.

Indications—Used in intertrigo as result of friction and in babies from irritating discharges.

Dr. Elderice prescribes the following in treatment of chafing under the arms and in the groins of infants:

℞	Ichthyol.....	$\frac{1}{3}$	drachm
	Tinct. Benzoini Comp.....	$\frac{1}{3}$	drachm
	Acidi Borici.....	$\frac{1}{3}$	drachm
	Petrolati.....	2	ounces

M. Sig.—Apply to the affected parts frequently during the day.

The “Medical News” gives the following:

℞	Quininæ Oleat.....	5	grains
	Lanolini.....	$\frac{1}{2}$	ounce
	Oil Olive.....	$2\frac{1}{2}$	drachms

M. Ointment. Sig.—Apply twice a day by rubbing it on the affected parts.

After using the ointment cover the part with powdered starch, or with the following:

℞	Acidi Salicylici.....	30	grains
	Magnesiæ.....	80	grains
	Talci.....	5	drachms

M. Powder. Sig.—Apply as directed above.

No. 358.

INCONTINENCE OF URINE.

WETTING THE BED.

TREATMENT :

The following is recommended in “Jour. A. M. A.” for the treatment of incontinence of urine occurring in children:

℞	Antipyrini.....	2	drachms
	Aquæ.....	$\frac{1}{2}$	ounce
	Alcoholis.....	$\frac{1}{2}$	ounce

M. Sig.—One-half to a teaspoonful, according to age, at bed-time in a small amount of water.

℞	Tinct. Belladonna.....	1 drachm
	Tinct. Cubebæ.....	1 drachm
	Tinct. Nucis Vom.....	$\frac{1}{2}$ drachm
	Tinct. Rhei Aromat.....	$\frac{1}{2}$ drachm
	Tinct. Cascarilla.....	2 drachms

M. Sig.—Twelve drops at bed-time for a child seven to ten years.

White advises the following in the treatment of incontinence of urine in children:

℞	Sodii Benzoatis.....	10 grains
	Sodii Salicylatis.....	10 grains
	Ext. Belladonna, Fl.....	2 drops
	Aq. Cinnamomi.....	4 ounces

M. Sig.—Teaspoonful four or five times daily.

No. 359.

NIGHT TERRORS.

Huber, in "Pediatrics," states that he would omit ghost stories, goblins, giants, thrilling literature, exciting games, and avoid dark, poorly ventilated rooms. Heavy indigestible meals at night and the use of tea, coffee, or alcohol in any form favor the occurrence. The mode of life of the patient must be studied, the habits investigated and taxation of the nervous system avoided. Tonics and hæmatinics should be given to the pale anemic children, and sometimes the bromides or other nerve sedatives to neuropathic children.

No. 360.

THRUSH.

APHTHÆ; SORE MOUTH.

TREATMENT:

In young infants, thrush is frequently met by the general practitioner, especially in bottle-fed infants.

Robinson, of New York, treats this condition with the following application, which, he states, is a never-failing combination:

℞ Sodii Sulphatis.....2 drachms
Glycerini.....6 drachms
Aq. Menth. Pip., to make.....2 ounces

M. Sig.—Wrap a piece of absorbent cotton around the finger, dip into the solution and swab the mouth and tongue thoroughly.

This application should be made every half hour. No harm can result if the child should swallow some of the mixture. He further states that in many cases of thrush the discharges are extremely acrid; the parts about the anus become excoriated (raw) and cause the child further suffering. He then recommends internal treatment as follows:

℞ Magnesiae (Calcined).....2 drachms
Bismuth Sub-nit.....1 drachm
Syr. Rhei Arom.....3 drachms
Cord. Anisi.....5 drachms

M. Sig.—One-half to one teaspoonful three to five times a day.

Locally a drying powder as follows should be frequently applied about the anal region:

℞ Zinci Oxidi.....1 drachm
Bismuth Sub-nit.....1 drachm
Lycopodii.....4 drachms

M. Sig.—Apply locally as a dusting powder.

CREAMY THRUSH—

For this frequent form of stomatitis (inflammation of mouth) in infancy to arise the *caccharomyces albicans* (germs) must be introduced from without, and must find a peculiar condition of the digestive tube favoring the growth of the fungus. On this are based the rational treatment and care necessary to prevent its spread. Cure the gastro-enteritis (inflammation of stomach and intestines) which has preceded it. Erythematous (red-like) stomatitis, which also precedes it, as a rule, may be prevented by good hygiene. Wash the mouth several

times daily with Vichy water, or five per cent. bicarbonate of sodium solution, or apply:

℞ Borax.....5 parts
Glycerin.....20 parts

M. Sig.—Apply to the mouth several times daily.

Wash out the stomach also with Vichy water. In rebellious cases antiseptics should be used with care and chiefly by the physician himself. Carbolic solutions are not to be used. Internally the following:

℞ Resorcin.....1 part
Aq. Dest.....100 parts

M. Sig.—One-half to a teaspoonful every two hours; and:

℞ Saccharin.....1 part
Spir. Vini. Recti (60 p. c.).....50 parts

M. Sig.—A teaspoonful in a glass of water as a mouth wash five times daily.—LABBE.

Morse uses the following combination in the treatment of thrush and stomatitis:

℞ Acid Boric.....10 grains
Listerine.....1½ drachms
Glycerin.....6½ drachms

M. Sig.—Use as a wash for the mouth every hour or two.

CHILDREN'S SORE MOUTH—

“N. Y. Med. Jour.” gives the following recipe for sore mouth in children:

℞ Borax.....2 drachms
Tinct. Benzoin.....1 drachm
Honey.....10 drachms
Aq. Dest., to make, Fl.....2 ounces

M. Sig.—Dip a camel's hair pencil into this solution and touch the patches in the mouth four or five times a day.

No. 361.

TREATMENT OF UMBILICAL CORD.

Dr. Longstreet states that if there should be some inflammation or irritation of the umbilicus (navel) either

before or after the cord drops, or if the parts keep moist, to apply the following:

℞ Pulv. Acidi Salicylici.....1 drachm
Amyli.....1 ounce

M. Sig.—After bathing the part and drying thoroughly apply the above as a dusting powder.

No. 362.

NASAL OBSTRUCTION IN THE NEWBORN.

Chauveau states that 'eczematous impetigo may, by its secretions, occlude the nares of a newborn infant. An acute coryza (cold in the head) may be responsible for the obstruction. For the latter condition he advises the following treatment:

℞ Resorcin.....15 grains
Oil Vaselini.....1½ grains

M. Sig.—Put three or four drops into each nostril three or four times daily.

Or:

℞ Sodii Biboratis.....1½ drachms
Glycerini.....1 ounce

M. Sig.—Hold the head well back and put three or four drops into each nostril and repeat two or three times a day.

No. 363.

DENTITION.

TEETHING.

TREATMENT:

Robinson states that when the gums are hot and tense, frequent rubbing with the following combination will give proper relief:

℞ Potassii Bromidi.....20 grains
 Chloralis 10 grains
 Tinct. Aconite Rad.....10 minims
 Spir. Chloroformi.....1 drachm
 Mucilaginis, to make.....1 ounce

M. Sig.—Apply to the gums freely by rubbing.

At the same time he recommends that the following be given internally:

℞ Potassii Bromidi.....3-5 grains
 Chloralis 1-2 grains
 Aq. Dest., to make.....2 drachms

M. Sig.—To be given at one dose by the mouth.

The foregoing mixture may be given in double the size dose per rectum, using starch water as a vehicle.

In teething infants where the gums are red and swollen and the child feverish and fretful, an application of a solution of cocaine, three grains to one-half ounce of water, to the gums every two or three hours with a swab, will afford relief—will do more good than lancing the gums. Caution: The child must not be permitted to swallow any of the solution.

No. 364.

CONVULSIONS.

TREATMENT:

Infantile convulsions or spasms may be arrested in one minute by the application of one or two dry cups on the back, from the seventh cervical to the first dorsal vertebra. This secures a remission for other medication.—DANIEL.

℞ Chloroformi 1 ounce

For physician's use only.

M. Sig.—Small quantity carefully administered on handkerchief by inhalation until convulsion ceases.

℞ Potassii Bromidi.....24-60 grains
 Chloralis 8-30 grains
 Syr. Acaciæ, Fl.....4 drachms
 Aq., to make, Fl.....1 ounce

M. Sig.—Teaspoonful in a little water and repeat in two hours if required.

Indications—Used in infantile convulsions. If indigestible food has been taken give an emetic and purgative. Hot pack or hot bath are valuable adjuvants.—N. E. MED. MON.

The “Revue Medicale” gives the following formula for infantile convulsions:

℞ Tinct. Colchicum.....120 minims
 Syr. Rhubarb.....900 minims
 Pure Gum Arabic.....900 minims
 Aquæ.....3,750 minims

M. Sig.—A teaspoonful every two hours.

CONVULSIONS IN TEETHING INFANTS —

Gage prescribes the following :

℞ Potass. Bromid.....20 grains
 Ammon. Bromid.....20 grains
 Fl. Ext. Gelsem.....10 drops
 Fl. Ext. Valerian.....10 drops
 Syr. Simplex.....2 drachms
 Aquæ.....2 drachms

M. Sig.—Teaspoonful every one-half to one or two hours as may be required.

No. 365.

MUMPS.

TREATMENT:

The following is recommended for the treatment of mumps:

℞ Tinct. Aconiti.....6 minims
 Spir. Ætheris Nitrosi.....2 drachms
 Syr. Simp.....2 drachms
 Liq. Potassii Citratis, to make.....6 ounces

M. Sig.—Teaspoonful to a dessertspoonful every two hours.

Indications—Used in early stage with fever.

For a local application use the following :

℞	Ichthyolis	45 grains
	Plumbi Iodidi.....	45 grains
	Ammon. Chloridi	30 grains
	Vasellini	1 ounce

M. Sig.—Apply freely to the swollen parts three or four times daily.

No. 366.

RHEUMATISM.

TREATMENT :

Gaïlle prescribes the following for acute rheumatism in children :

℞	Sodii Salicylatis.....	1½ drachms
	Potassii Iodidi.....	½ drachm
	Tinct. Aconiti.....	12 drops
	Aquæ	2 ounces

M. Sig.—One-half to a teaspoonful, according to age, three times daily.

Smith advises the following combination :

℞	Potass. et Sodæ Tart.....	½ ounce
	Potass. Acetat.....	2 drachms
	Syr. Limonis.....	1½ ounces
	Aquæ	1½ ounces

M. Sig.—One-half to a teaspoonful, according to age, every two or three hours.

℞	Sodii Salicylat.	1 drachm
	Tinct. Ferri Chl.....	1 drachm
	Acidi Citrici.....	5 grains
	Glycerin.....	¾ ounce
	Oil Gaultheriæ.....	4 drops
	Liq. Ammon. Citr., to make.....	4 ounces

M. Sig.—One-half to a teaspoonful three times a day.—SOLIS-COHEN.

When a mixture cannot be administered, Gillet advises the use of suppositories as follows :

℞	Sodii Salicylate, 7½ grains for each year of age
	Cacao Butter, 60–120 grains, according to age
	Wax, q. s. ad.

M. For 4 suppositories. Sig.—To be introduced at equal intervals in the twenty-four hours.

Ointment may also be used by inunction around the joints as follows:

℞ Menthyl Salicylate.....15 grains
Menthol.....3 grains
Petrolatum.....450 grains

M. Sig.—Apply to the affected joints and cover the whole with cotton wool and waxed taffeta.

No. 367.

COUGHS.

TREATMENT:

The following is a cough prescription of the late Sir Robert Christison:

℞ Syr. Scillæ.....1 ounce
Aq. Menth. Pip.....1 ounce
Tinct. Opii Ammoniat.....2 drachms
Tinct. Lavandulæ Comp.....2 drachms
Syrup.....1 ounce

M. Sig.—Teaspoonful three or four times a day for a child five or six years old.

A prescription which has proved valuable, especially in young children, is as follows:

℞ Codein Sulphatis.....6 grains
Spir. Æther Nitrosi.....1 drachm
Syr. Ipecac.....1 drachm
Spir. Lactucarii (Aubergier) q. s.....3 ounces

M. Sig.—One-half to a teaspoonful, according to age, three or four times a day.—JOURNAL OF MEDICINE AND SURGERY.

Brodie prescribes for children:

℞ Hive Syr.....1 ounce
Elix. Paregoric.....1 ounce
Tinct. Sanguinariæ.....4 drachms

M. Sig.—One teaspoonful three or four times daily for a six-year-old child.

In the irritating cough which so often follows influenza (grippe) the following is recommended in the "Canadian Journal of Medicine and Surgery":

℞ Heroin Hydrochloratis.....3 grains
 Syr. Acaciæ.....6 drachms
 Aquæ, to make.....4 ounces

M. Sig.—One teaspoonful three or four times daily.

COUGHS AND BRONCHIAL TROUBLES—

Duffield prescribes the following in coughs and bronchial troubles of children:

℞ Syr. Tolutani..... $\frac{1}{2}$ drachm
 Syr. Scillæ..... $\frac{1}{2}$ drachm
 Aq. Lourocerasi..... $\frac{1}{2}$ drachm
 Elix. Fir Comp. (Inglis) q. s. ad.....2 ounces

M. Sig.—One teaspoonful every hour or two.

NO. 368.

BURNS IN INFANCY AND CHILDHOOD.

TREATMENT:

Allen states that when more than one-third of cutaneous surface is involved in burns the outlook is unfavorable. Aromatic spirits of ammonia is recommended to meet indications of vital depression. Opium in doses proportionate to age produces quieting effect. Picric acid in 1 per cent. watery solution gives almost immediate relief from pain and healing takes place rapidly. It is best not to remove dressing next to skin, but simply wet and cover with absorbent cotton; this diminishes pain and danger of outside infection. Iodoform is objectionable on account of odor and danger of iodoform dermatitis. Permanent bath is, perhaps, the best means of offering comfort in deeper and more severe burns. Cotton oil is best for soothing. Most important point is to refrain from removal of dressings.

The picric acid solution is made as follows:

℞ Acidi Picrici.....38½ grains
Aq. Dest.....8 ounces

M. Sig.—Apply on gauze or muslin constantly saturated with this solution, cover with absorbent cotton, and bandage.

Indications—Used in superficial burns or scalds.

A very soothing application for burns of mild degree, and particularly for scalds from water or steam, according to the “Therapeutic Monthly,” is the following:

℞ Cocaine.....5 grains
Ungt. Zinci Oxidi.....1 ounce

M. Sig.—A thin coating may be spread upon gauze or muslin and applied to the part.

Wertheimer applies to burns, especially in children, the following liniment:

℞ Thymol.....1½–2 grains
Aq. Calcis.....750 grains
Oil Lini.....750 grains

M. Sig.—Apply to the parts as may be required.

No. 369.

FEVER.

TREATMENT:

Dr. Love prescribes acetanilid in the following combination in fevers of children:

℞ Acetanilid.....30 grains
Alcohol.....3 drachms
Glycerin.....2 drachms
Aq. Cinnamon.....3 drachms
Syr. Tolu.....1 ounce

M. Sig.—One to three teaspoonfuls, according to age, every two or three hours.

Indications—Used to reduce fevers arising from any cause.

FEVER IN INFANTS —

All fever cannot be accounted for by the presence of bacterial toxins, for, in children, at least, it may be due simply to defective elimination. Some infants tolerate the presence of considerable fever while in others the most alarming symptoms are induced. Intestinal irrigation (rectal injections) is an efficacious mode of exhibiting cold water to feverish children. The water should be warm, and, as it flows, cold water should be gradually added. The aim should be to cause the retention of a pint of cold water for a sufficient length of time to abstract some of the animal heat. This step is to be repeated until the temperature comes down. The buttocks should be compressed in order that the water be retained. A case is cited in which a temperature of 106.5° was brought down to 100° within an hour. In some cases the sheet-pack answers better than irrigation, while the cool bath is especially useful in scarlet fever with high temperature. Prescribe for the cause of the fever, and for any circumstance which contributes to its maintenance. When hydrotheraphy (water treatment) fails we must employ phenacetin. Chloral is the best remedy for restlessness, and citrate of potash maintains the activity of the kidneys.—McCLANAHAN.

No. 370.

SCARLET FEVER.

SYMPTOMS :

Period of incubation varies from 1 to 7 days (usually 2 to 4). The disease begins, as a rule, abruptly, rarely with a chill, but in the majority of cases with vomiting. In young children convulsions are common. The fever rises rapidly the 1st day, and the child complains of sore throat.

At the end of the 1st or the beginning of the 2d day the rash appears, first on the neck and chest, whence it spreads over the whole body, usually within the next 24 hours. From a distance the skin is seen uniformly and brilliantly scarlet, but on close inspection the rash is seen to consist of fine, closely set red points, the intervening skin being diffusely red. It disappears on pressure, the anemic spot having a slightly yellowish tint. The rash persists for 2, 3, or 4 days, then slowly disappears.

TREATMENT :

The general course of treatment in scarlet fever adopted at the Hospital Infants Maladies, Paris, may be outlined as follows:

A large and well-ventilated room is always selected, and the patient is not allowed to leave the room until after desquamation (scaling) has ceased. The following may be administered in order to control fever and prevent inflammation of the kidneys:

℞ Spir. Ætheris Nitrosi.....5 drachms
Syr. Simp.....2 drachms
Liq. Potassii, to make.....3 ounces

M. Sig.—One-half to a teaspoonful, according to age, in water every two hours.

Daily warm baths are employed, followed by:

℞ Ichthyol.....5 parts
Vaselin.....100 parts

M. Sig.—Apply to the reddened skin after each bath.

A mouth and throat wash, as follows, should be employed:

℞ Acidi Carbol..... $\frac{1}{2}$ drachm
Glycerini $\frac{1}{2}$ ounce
Aq. Camphor..... $\frac{1}{2}$ ounce
Potassii Chloratis.....10 grains
Aquæ, to make.....6 ounces

M. Sig.—Use as gargle or spray every one or two hours.

The warm baths will favor the "coming out" of the eruption; will favor heat reduction; and contribute decidedly to the restfulness of the patient. If temperature reduction be demanded a tepid or cool bath will produce the result desired more readily and less harmfully than in any other manner.

The diet of course is to be light both in quality and quantity.

If the nasal mucous membrane becomes much inflamed and the discharge becomes troublesome, an ointment consisting of the following may be used:

℞ Acidi Borici.....1 drachm
Menthol.....5 grains
Vaselin.....1 ounce

M. Sig.—Apply to the nostrils two or three times a day.

As an antiseptic and for the itching of the skin the "Standard" recommends the following:

℞ Ichthyol.....5 drachms
Lanæ.....10 ounces
Oil Olive.....1 ounce

M. Sig.—To be applied to the skin as needed to relieve the itching.

Earache in scarlet fever should receive immediate attention. Apply local heat, using either the hot water or salt bag. Cocaine may be dropped in the ear to relieve pain, and admit of a more thorough examination with a speculum. If the tympanic membrane is opaque and bulges, it should be freely scarified to relieve the tension by giving free drainage to the pus, and should be irrigated two or three times a day with a hot antiseptic solution.

For the initial nausea or vomiting of scarlet fever Hatfield recommends the following:

℞ Aq. Cinnamomi..... $\frac{1}{2}$ ounce
Aq. Calcis..... $\frac{1}{2}$ ounce
Tinct. Gelsemium..... $\frac{1}{2}$ drachm

M. Sig.—One-half to a small teaspoonful, according to age, every hour.

The same author recommends the following for the nervous tension and restlessness during the eruption :

℞ Chloral Hydrate.....1 drachm
Infusion Digitalis.....1 ounce
Syr. Raspberry.....3 ounces

M. Sig.—One-half to a teaspoonful, according to age, every two or three hours.

NO. 371.

MEASLES.

SYMPTOMS :

After an incubation of from 7 to 14 days (usually 14) the disease begins with chilliness, sneezing, lachrymation (tears), coryza (nasal discharge), drowsiness, and, in 24 hours, cough. There is usually redness of the eyes and lachrymation. Headache, nausea, and vomiting may also be present. The temperature rises steadily for the first 2 days, and may then remit to rise again with the appearance of the rash.

The exanthem (rash) appears on the 4th day, first upon the face, as small, red, flattened papulæ (pimple-like) which grow larger and invade the trunk and extremities. The countenance has a mottled, swollen appearance, which, with the reddened and watery eyes, affords a very characteristic facies. The blotchy character of the rash is best seen upon the trunk. The general symptoms do not lessen until the 6th day, at which time the fever generally falls quickly, and the catarrhal symptoms slowly disappear. The rash lasts until the 6th or 7th day and then gradually fades.

TREATMENT :

The following combination is recommended in "Jour. Amer. Med Asso." as being of great service by aiding

the elimination of the toxic (measle-poison) substances from the system and reducing the fever in measles:

R _x	Potassii Citratis.....	3 drachms
	Tinct. Aconiti.....	6 minims
	Spir. Ætheris Nitrosi.....	1½ drachms
	Syr. Tolutani.....	1 ounce
	Aq., to make.....	3 ounces

M. Sig.—One teaspoonful every three hours for a child of six years or older.

For the bronchitis, an accompanying complication of measles, the following:

R _x	Codeinæ Sulphatis.....	1½ grains
	Syr. Ipecacuanhæ.....	30 minims
	Syr. Pruni Virginianæ.....	½ ounce
	Aq. Aurantii, to make.....	2 ounces

M. Sig.—One teaspoonful every two hours for a child four years of age or older.

It is stated in the same journal that good results may be obtained in the treatment of measles by rubbing the body with an ointment consisting of:

R _x	Ichthyol.....	450 grains
	Lard.....	3 ounces

M. Sig.—Apply to the body morning and night.

This practise was suggested by the favorable results obtained by the same treatment in small-pox. Only one or two rubbings seem to be necessary to reduce the temperature to normal, when the patches gradually grow pale and disappear. It requires only four or five days to complete the results, after which a warm bath removes what is left of the ointment.

No. 372.

WHOOPING COUGH.

TREATMENT :

McClanahan, of Westminster, claims that by the use of the following prescription for whooping cough, given when the disease commences, it will be "cut short" in from five to ten days. He claims to have aborted many cases by the use of this prescription :

R̄ Atropinæ Sulph..... $\frac{1}{4}$ grain
Spir. Frumenti.....2 drachms
Fl. Ext. Castaneæ.....6 ounces

M. Sig.—For a child one year old 10 drops every hour until face becomes red ; to one ten years old one teaspoonful. Regulate dose to suit age of child.

The following is recommended for the treatment of whooping cough in "N. E. Med. Mon.":

R̄ Tinct. Opii Camph., Fl..... $\frac{1}{2}$ drachm
Spir. Ætheris Nitrosi, Fl.....2 drachms
Potassii Citratis.....1 drachm
Syr. Limonis, Fl.....2 drachms
Aq., to make.....2 ounces

M. Sig.—Teaspoonful every two hours to a child three to six years old.

Indications—Used for irritative bronchitis in the beginning of the attack.

R̄ Antipyrini 12 grains
Tinct. Belladonna.....48 minims
Syr. Aurantii Florium, Fl.....1 ounce
Aq., to make.....3 ounces

M. Sig.—Teaspoonful every four hours to a child two to four years old.

Indications—Used during paroxysmal coughing to relieve frequency and severity of the spasms (spells of coughing).

Dr. Godson states that he has derived marked benefit by the use of creosote vapor as an inhalation.

He uses it with steam by means of a kettle or steam spray producer, by the use of the dry or moist inhaler, sometimes by sprinkling the creosote on a cloth hung up to dry in a room, or by vaporizing over a spirit lamp. He has found that the best results are obtained by the continuous inhalation. His method of treatment is as follows: Begin with the continuous inhalation of creosote by hanging up cloths saturated with creosote solution, both in the day and night rooms. The density of the vapor can be regulated by varying the number of cloths. The chest and upper part of the spine should be treated by counter-irritation. Good air, warm clothing, and wholesome food are necessary.

No. 373.

CROUP.

TREATMENT:

The following treatment for croup is recommended in "N. E. Med. Mon.":

R Syr. Ipecacuanhæ.....1 ounce

M. Sig.—One teaspoonful every fifteen minutes until free vomiting.

Indications—Used in spasmodic or catarrhal croup to relieve laryngeal (upper part of windpipe) spasm.

R Ichthyol.....4 drachms

Ungt. Iodi.....1 drachm

Lanolini, to make.....1 ounce

M. Ointment. Sig.—Apply to neck and chest.

Indications—Used in connection with first recipe in spasmodic croup.

R Oil Morrhuæ.....1½ ounces

Oil Phosphorati.....6 minims

Acaciæ.....3 drachms

Liq. Calcis, to make.....4 ounces

M. Emulsion. Sig.—Teaspoonful three times daily.

Indications—Used between attacks in rachitis subjects.

R Menthol.....2 drachms

M. Sig.—Volatilize about ten grains in a room, by placing it in a spoon and applying heat.

Indications—Used in spasmodic or catarrhal croup to relieve attack. Wrap cold cloths about the neck. An emetic is a valuable adjunct to this treatment if the child does not promptly improve.

R Calcis.....2 pounds

M. Sig.—Place in bucket of water and allow child to inhale the steam freely.

Indications—Used to relieve laryngeal spasm.

R Tinct. Belladonna Folii.....10 drops
Chloralis 20 grains
Potassii Bromidi.....1 drachm
Syr. Acaciæ, Fl.....4 drachms
Aq., to make.....2 ounces

M. Sig.—One-half to one teaspoonful, according to age, in water, and repeat in two or three hours if necessary.

Indications—Used to relieve laryngeal spasm.

Dr. Henry R. Slack, in the "Jour. of the Amer. Med. Asso." says: "It is with the hope of alleviating some suffering that I now submit the following prescription for spasmodic croup, which was suggested to me by Dr. J. Holt, and I have used it many times with the happiest results:

R Chloralis 45 grains
Potassii Bromidi.....45 grains
Ammonii Bromidi.....30 grains
Aq. Cinnamomi, to make.....2 ounces

M. Sig.—Teaspoonful and repeat in twenty minutes, if not relieved.

"This is for a child about five years old. For younger children I diminish the dose slightly, though I find children bear chloral nicely in doses altogether out of proportion to their ages."

No. 374.

EMETIC.

To CAUSE VOMITING.

Dr. Baginsky advises the following as an emetic for infants:

℞ Pulv. Ipecac..... $7\frac{1}{2}$ grains
 Antimonii et Potassii Tart..... $\frac{1}{6}$ grain
 Oxy mel. Scillæ..... $2\frac{1}{2}$ drachms
 Aq. Dest., to make.....1 ounce

M. Sig.—Teaspoonful every ten minutes until vomiting occurs (for a child six to ten years of age).

Dr. Brown states that apomorphine is “the emetic par excellence” for children when given hypodermically. He prepares his solution as follows:

℞ Apomorphinæ Mur.....1 grain
 Spir. Vini Rect.....20 minims
 Aquæ.....110 minims

M. Sig.—Each ten minims equals one-twelfth of a grain of the alkaloid. The dose for hypodermic injection varies from two to ten minims, according to age.

No. 375.

SCROFULOSIS.

SCROFULA.

Scrofula.—A disease characterized chiefly by chronic swelling of glands, particularly of the neck, behind the ears and under the chin, tending slowly to imperfect suppuration.

Scrofulosis.—The morbid condition or progress of scrofula.

TREATMENT :

The following outline of treatment for scrofulous conditions in children with enlarged glands is recommended in Merk's "Report":

℞ Iodipin.....1 ounce
 Spir. Vini Gallici.....2 drachms
 Yolk of.....2 eggs
 Oil Aurantii 3 drops
 Oil Vel. Menth. Pip.....2 drops
 Oil Morrhuaë.....6 ounces

M. Sig.—One or two teaspoonfuls, according to age of the child, three times a day.

It may be given plain as follows:

℞ Iodipin.....1 ounce
 Oil Aurantii.....2 minims
 Oil Morrhuaë.....6 ounces

M. Sig.—One teaspoonful in milk three times daily.

The alterative properties of the cod-liver oil are reinforced by the absorbent and resolvent properties of iodine in the iodipin which contains 10 per cent. of iodine.

Hare says in his "Practical Therapeutics" when anemia and granular enlargement are present in scrofulous subjects, the following is useful:

℞ Syr. Ferri Iodidi..... $\frac{1}{2}$ drachm
 Syr. Aurantii Florium.....1 ounce
 Aq., to make.....3 ounces

M. Sig.—Teaspoonful to a dessertspoonful in water three times a day, after meals, to a child of one year.

No. 376.

CHICKEN POX.

VARICELLA.

TREATMENT :

The following is recommended for the treatment of chicken pox in "N. E. M. M.":

℞	Tinct. Aconiti.....	4 minims
	Spir. Ætheris Nitrosi, Fl.....	4 drachms
	Potassii Citratis.....	2 drachms
	Syr. Limonis.....	4 drachms
	Aq., to make.....	3 ounces

M. Sig.—Teaspoonful in water every two hours.

Indications—Used as diuretic (to increase discharge of urine) and febrifuge (to reduce fever). For a child two or three years old.

NO. 377.

ECZEMA.

TREATMENT :

Thompson, in his "Practical Dietetics," states that in young children, eczema is often due to dietetic (belonging to the taking of proper food) errors, and in all cases care should be exercised to cure it by regulating the diet. The commonest fault in feeding young children consists in giving them too much starchy food, which they can not yet digest. The author states that the innumerable prepared infant's foods, consisting largely of starches and sugar, are responsible for much of the trouble. On the other hand, he states that some parents give their children too much animal food in the form of meat juice, broths, and eggs. A diet improperly balanced in either direction induces an anemic condition with a special tendency to the development of eczema. Older children should be denied candy, chocolate, and indulgence in sweets of all sorts, and must be fed on the simplest diet, in which starch and, especially sugar should be reduced, and pure fat increased. The latter is to be prescribed in the form of cream, fresh butter, fat beef, and cod-liver oil. Whole wheat bread, cracked wheat, hominy, corn grits with salt and butter or cream may be given. Oatmeal should be prohibited; likewise tea and coffee.

Kistler prescribes the following as an ointment, in infantile eczema, to relieve itching:

R	Acidi Salicylici.....	15 grains
	Bismuthi Sub-nit.....	4 drachms
	Pulv. Amyli.....	1½ drachms
	Ungt. Aq. Rosæ.....	2 ounces

M. Sig.—To be applied locally as needed to relieve the itching.

He also prescribes the mild chloride of mercury to be given twice a week to increase elimination from the bowels and kidneys.

CHRONIC ECZEMA —

In chronic eczema of children Doyon recommends:

R	Oil Morrhuæ.....	2 ounces
	Yolk of.....	1 egg
	Liq. Sodæ Arsenit.....	1 drachm
	Syr. Simp.....	2½ drachms
	Aquæ.....	4 ounces

M. Sig.—One tablespoonful three times a day.

No. 378.

CEREBRO-SPINAL MENINGITIS.

Inflammation of the membranes which enclose the brain and spinal marrow.

Dr. Grant G. Speer, attendant physician to Mercy Hospital, Manistee, Mich., gives an interesting account of an epidemic of cerebro-spinal meningitis following an epidemic of influenza in his section. ("Med. Age.")

In the course of his article he says:

"Chloral hydrate and potassium bromide relieve the pain quickly and produce an anemic condition of the brain, and can be continued for a long time without doing harm to the patient. In all the cases treated by me the following became my sheet-anchor:

℞ Chloral Hydrate.....	60 grains
Potass. Bromidi.....	60 grains
Cannabis Indica.....	$\frac{1}{2}$ grain
Hyoscyamine	$\frac{1}{2}$ grain
Elixir, to make, Fl.....	1 ounce

“The directions given were to administer five to ten drops to a child two and one-half years old, and repeat every ten minutes until full effect was secured, and to be resumed as soon as restlessness again took place, thus insuring perfect quiet and ease on the part of the patient. The injunction to the attendant not to let the patient suffer was repeated frequently, and with great emphasis, lest the fear of ‘drugging’ should prevent the orders being carried out.”

No. 379.

HYDROCEPHALUS.

DROPSY OF THE BRAIN.

TREATMENT :

Smith advises the following in the treatment of dropsy of the brain :

℞ Potassii Iodidi.....	24 grains
Vini Pepsini, Fl.....	3 ounces

M. Sig.—One to two teaspoonfuls, according to age, three times a day.

Indications—Used in child with hereditary syphilis.

℞ Hydrarg. cum Creta.....	24 grains
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M. For 24 powders. Sig.—One powder three times a day.

Indications—Used in hydrocephalus in syphilitic child.

℞ Potass. Iodid.....	$\frac{1}{2}$ –1 drachm
Syr. Aurant. Cort., Fl.....	1 ounce
Aq., to make.....	4 ounces

M. Sig.—Teaspoonful every two hours for an infant of six months.

No. 380.

ACUTE BRONCHITIS.

TREATMENT:

The following prescription is recommended for acute bronchitis in children by Agramonte:

℞	Sol. Ammon. Acetat.....	4 drachms
	Spir. Etheris Nitrosi.....	$\frac{3}{4}$ drachm
	Syr. Ipecacuanhæ.....	$\frac{3}{4}$ drachm
	Syr. Senegæ.....	1 drachm
	Syr. Limonis, to make.....	4 ounces

M. Sig.—One-half to a teaspoonful, according to age of child, every four hours.

The above combination will produce elimination from the skin, kidneys, and bronchial mucous membrane.

Solis-Cohen uses counter-irritation to the chest, inhalation of creosote or formalin, calomel, $\frac{1}{4}$ grain when needed, and:

℞	Tinct. Aconiti.....	1 drachm
	Tinct. Opii Camphoratae.....	2 drachms
	Vini. Ipecacuanhæ.....	5 drachms

M. Sig.—Eight (8) drops every two hours. He states that alcohol and quinine does but little good.

No. 381.

CHRONIC BRONCHITIS.

TREATMENT:

According to the "Med. News," beneficial results are obtained from the use of ichthyol in chronic bronchitis of children, especially as it retards the disintegration of albumens and favors the absorption of exudates when taken internally. It has been employed by Jennings in several cases with remarkable success. The following combination is recommended by him:

℞ Ichthyol..... $\frac{1}{3}$ drachm
 Glycerini..... $\frac{1}{3}$ drachm
 Syr. Aurantii..... $\frac{1}{3}$ drachm
 Aq., to make.....4 ounces

M. Sig.—One teaspoonful three times a day after each meal. The first few doses sometimes nauseate, but later the child acquires a taste for it.

No. 382.

TRACHEO-BRONCHITIS.

TREATMENT:

The following is recommended for the treatment of tracheo-bronchitis in children by Markham, in cases in which irritation and cough is proportionately greater than the inflammation:

℞ Syr. Aurantii (flores)..... $\frac{1}{2}$ ounce
 Syr. Codeinæ..... $\frac{1}{2}$ ounce
 Tinct. Aconiti.....12 minims
 Aquæ.....2 ounces

M. Sig.—Twenty (20) drops three times a day for a child of three months, to be increased according to the age of the child.

No. 383.

CHRONIC EMPHYSEMATOUS BRONCHITIS.

Emphysematous. Of the nature of emphysema. A collection of air in the cellular texture under the skin, or beneath the pleural and interlobicular cellular tissue of the lung.

TREATMENT:

The following is frequently used, according to "Amer. Med.," in the above form of bronchitis in children:

℞ Arsenii Iodidi..... $4\frac{1}{2}$ grains
 Aq. Dest..... $1\frac{1}{2}$ ounces

M. Sig.—Begin with five drops in water, wine, or milk twice a day after meals, to be increased morning and evening until 10 to 20 drops have been added, according to the age and tolerance of the patient. The maximum dose should be maintained for one month and then gradually decreased until five drops are taken.

No. 384.

ENLARGED BRONCHIAL GLANDS.

TREATMENT :

Dr. D. McM. Officer ("International Medical Journal" of Australia) says that he usually recommends treating these individuals very much as one would treat a case of phthisis, by open air, forced feeding, careful attention to hygiene, and guaiacol and cod-liver oil internally. For the spasmodic jerky cough, which is almost totally without expectoration, and which is furthermore most irritating to the child and parent alike, he has lately been using thirty drops of creosote, with or without menthol, burned on a hot shovel in the patient's room at night, with markedly beneficial results in many cases, though in a few with disappointing results; the relief in this trouble, by such treatment, not being so marked as in whooping cough.

No. 385.

ACUTE BRONCHO-PNEUMONIA.

INFLAMMATION OF BRONCHIAL TUBES AND LUNGS.

TREATMENT :

Carriere gives the following outline of treatment: Isolate the patient as much as possible, avoid chills, and make the air which the patient breathes aseptic by antiseptic vapors. For this purpose he recommends the following:

Rx	Phenol.....	5 drachms
	Thymol.....	1 $\frac{1}{4}$ drachms
	Benzoin.....	1 $\frac{1}{4}$ drachms
	Alcoholis	3 ounces
	Aquæ.....	1 $\frac{1}{2}$ pints

He also recommends keeping the respiratory tract in good condition by nasal douches and mouth washes of boric acid, keeping the skin in good condition, keeping the gastro-intestinal tract in order by the administration of mild chloride of mercury. As alimentation he recommends a glass of milk every two hours; bouillon or beef juice to children over eighteen months.

Marfan prescribes the following in broncho-pneumonia in children :

R	Sodii Benzoatis.....	8 grains
	Ammonii Acetatis.....	24 grains
	Spir. Vini Galici.....	2 drachms
	Mist. Acaciæ.....	$\frac{3}{4}$ ounce
	Syr. Simp.....	$\frac{3}{4}$ ounce

M. Sig.—From one-half to one teaspoonful, according to age, every two hours.

Perier prescribes as follows :

R	Ammonii Acetatis.....	8 grains
	Sodii Benzoatis.....	30 grains
	Oxymel Scillæ.....	$2\frac{1}{2}$ drachms
	Syr. Pruni Virginianæ.....	1 ounce
	Aq. Dest.....	$3\frac{1}{2}$ ounces

M. Sig.—Teaspoonful or more according to the age, every hour.

Where the catarrhal state is very pronounced in a child of ten years, Comby prescribes :

R	Ammonii et Potassii Tartratis.....	1 grain
	Sodii Sulphatis.....	2 drachms
	Syr. Simp.....	$\frac{1}{2}$ ounce
	Aquæ.....	4 ounces

M. Sig.—A fourth to be given every hour. As a result of the vomiting and purging there is less dyspnœa, slower pulse, and an improvement in the general condition.

During the course of the disease the position of the patient should be changed frequently to lessen the danger of hypostasis (settling of blood) in the lungs and decrease the localized edema and stalactasis (solidifying or hardening).

The diet should consist of nutritious liquids—milk, beef tea, broths, etc.—which in the case of young

weakly children should be given every two hours, but for stronger children a longer interval is desired, care being taken that the impaired digestive tract be not further injured by an excess of food.

Diluents may be freely given; plain or carbonated waters, barley water or lemonade, according to the taste and desire of the patient.

During convalescence most careful nursing is required in order that relapse may not occur. A nutritious and easily digestible diet should be maintained throughout convalescence, and this should be augmented by bitter tonics, together with cod-liver oil.

Whether it is desirable to use expectorants during this stage or not is determined by the conditions present, the cough and expectoration being the criteria for their employment.

Should resolution be delayed and the disease tend to become chronic, the occasional application of a blister or other counter-irritants to the chest, as, for instance, tincture of iodine, dry cups, etc., together with the internal administration of the iodids, may hasten resolution and absorption.

No. 386.

PNEUMONIA.

TREATMENT :

If there is much pain at the onset it may be relieved by mustard paste, but later in the disease G. Grothen prefers to apply to the chest once or twice a day, a flannel saturated with equal parts of lard and turpentine. Over this should be placed a cotton-jacket covered with oiled silk. Flaxseed poultices should not be used. During the early part of the disease but a small quantity of food, if any, should be given, and

throughout the disease little food, and more water are desirable. The main indication for treatment in ordinary cases is to clean out the bowels and maintain excretions. Hyperpyrexia (fever) is treated by cold to the head and cold sponging. The author condemns coal-tar products as a "class" of pernicious drugs. In severe cases calomel may be given, with an intestinal antiseptic such as guaiacol carbonated; later, salicylate of sodium every two hours and the aromatic fluid extract of cascara. The bowels should move at least once every twelve hours and if sluggish may be stimulated by normal salt enemata. The kidneys may be kept working by liquor ammonii acetatis, slightly alkaline, made fresh daily and administered every two hours. Strychnine sulphate, grain 1-300, every three or four hours for a one year old child, should be given throughout. Sudden general collapse may be combated by strychnine and nitroglycerin hypodermically. The hot mustard bath, begun at 100° F. and raised to 110° F., may be used for ten minutes for cardiac or respiratory failure with cyanosis, cold surface, rapid pulse and respiration and extreme nervousness. Cold, or bromide and chloral, will combat nervous irritability and sleeplessness. Codeine sulphate may be given guardedly for pain and cough.

NO. 387.

RACHITIS.

RICKETS.

A disease of children, characterized by a large head, crooked limbs, tumin (big) abdomen, and general debility; often accompanied with precocious (premature) mental faculties. The disease appears to consist essen-

tially in the non-deposition of phosphate of lime in the osteoid tissues (bones).

Kassowits was the first to advocate the employment of phosphorus. He claimed that the disturbance in rickets was due to a chronic inflammatory process of the osseous (bone) tissues, and that phosphorus lessened the hyperemia (excess of blood in the bones) by restricting the growth of blood-vessels.

TREATMENT :

Stewart, "American Text-Book of Therapeutics," recommends the following treatment:

℞	Phosphori.....	$\frac{1}{6}$ grain
	Solve in Oil Olivarum.....	$2\frac{1}{2}$ ounces
	Pulv. Gum Arabici.....	75 grains
	Syr. Simp.....	75 minims
	Aq. Dest.....	$2\frac{1}{2}$ ounces

M. Sig.—Shake. One teaspoonful daily.

Or :

℞	Phosphori.....	$\frac{1}{2}$ grain
	Oil Amygdal. Dulc.....	1 ounce
	Pulv. Acaciæ.....	$\frac{1}{4}$ ounce
	Pulv. Sacch. Alb.....	$\frac{1}{4}$ ounce
	Aq. Dest.....	$1\frac{1}{2}$ ounces

M. Sig.—Shake and give one teaspoonful three times a day.

Hare's "Practical Therapeutics" gives the following formula :

℞	Oil Morrhuæ.....	6 drachms
	Syr. Calcis Lactophosphatis.....	$1\frac{1}{2}$ ounces
	Liq. Calcis.....	$1\frac{1}{2}$ ounces

M. Sig.—Shake thoroughly and give one-half to one teaspoonful, according to age, two or three times daily.

℞	Oil Phosphori.....	4 minims
	Oil Aurantii Cort.....	3 minims
	Lipanini, to make.....	3 ounces

M. Sig.—One teaspoonful three times a day, for a child one to two years old.

℞	Sodii Phosphatis.....	2 drachms
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M. For 60 powders. Sig.—One powder to be dissolved in each bottle of milk.

Indications—Useful in constipation complicating rickets and scrofula in bottle-fed infants.

℞ Syr. Calcii Lactophosphatis..... $\frac{1}{2}$ ounce
Elix. Aromat..... $\frac{1}{2}$ ounce

M. Sig.—One-half to one teaspoonful in a little water three times a day after eating.

Indications—For a child from one to three years old. If digestion is disturbed the remedy must be withheld or given in smaller doses.

No. 388.

ACUTE NEPHRITIS.

INFLAMMATION OF KIDNEYS.

TREATMENT :

Danforth, “Amer. Text-Book of Diseases of Children,” gives the following combination for acute nephritis in children :

℞ Tinct. Aconiti..... $\frac{1}{2}$ drachm
Codeinæ.....2 grains
Potassii Citratis.....3 ounces
Glycerini 2 ounces
Aq. Cinnamomi, to make.....8 ounces

M. Sig.—One teaspoonful every two hours in half glass of pure water.

Ashby recommends the following:

℞ Liq. Ammon. Acetatis.....1 ounce
Tinct. Digitalis.....10 minims
Spir. Chloroform.....10 minims
Aq. Dest., to make.....8 ounces

M. Sig.—Tablespoonful three times a day to a child from six to ten years old.

No. 389.

IMPETIGO.

HUMID OR RUNNING TETTER.

A skin-disease marked by small, irregularly circumscribed pustules (pimple-like), chiefly on the extremities, slightly raised and terminating in a scab, unaccompanied by fever, and not contagious.

TREATMENT:

In the treatment of impetigo in children, Carriere employs gauze compresses (silk or linen folded or made into a kind of pad) saturated (soaked) in a decoction (tea) of walnut leaves and placed over the parts until the crusts or scabs have fallen. He then applies peroxid of hydrogen compresses, covered with rubber tissue, renewed once a day. He also gives small doses of calomel internally.

For impetigo of face and scalp of nursing infants, Kistler employs the following combination:

R _y	Acidi Salicylici.....	15 grains
	Bismuthi Sub-nit.....	5 drachms
	Pulv. Amyli.....	2 drachms
	Ungt. Rosæ.....	1½ ounces

M. Sig.—For external use.

If the impetigo is of the dry variety, use the ointment by inunction (rubbing-in) frequently applied. If moist, apply a thick coat upon gauze or muslin. Pruritis (itching) and congestion will rapidly diminish while the new, healthy epidermis (skin) forms under the ointment-crust.

No. 390.

ACUTE LARYNGITIS.

TREATMENT:

The "Jour. Amer. Med. Asso." gives the following for acute laryngitis in children:

℞ Apomorphinæ Hydrochlor. $\frac{1}{3}$ grain
 Acidi Hydrochlor. 3 drops
 Syr. Senegæ. 5 drachms

M. Sig.—One-half to one teaspoonful, according to age, to be given every two or three hours.

No. 391.

INFLAMED THROAT.

TREATMENT:

Hoadly recommends the following for a sore or inflamed throat in children:

℞ Tinct. Myrrhuæ. 3 drachms
 Potassii Chlor. $\frac{1}{2}$ drachm
 Mellis. $\frac{1}{2}$ ounce
 Acidi Carbol. 4 drops
 Aq. Dest., to make. 4 ounces

M. Sig.—Ten to fifteen drops, according to age of child, every one-half to one hour.

No. 392.

GASTRALGIA.

PAIN OR NEURALGIA OF STOMACH.

TREATMENT:

The "Progress Medical" recommends the following in the treatment of pain or neuralgia of the stomach in children:

℞ Tinct. Belladonna. $\frac{1}{4}$ drachm
 Tinct. Columbæ. $\frac{1}{4}$ drachm
 Tinct. Arnicæ. $\frac{1}{4}$ drachm
 Tinct. Opii Camph. $\frac{1}{4}$ drachm

M. Sig.—From five to ten drops, according to age of child, in a little sweetened water.

No. 393.

ENTERITIS.

INFLAMMATION OF THE BOWELS.

TREATMENT :

Rochlowsky, in "Semaine Medicale ; Fortschritte der Medicin," reports good results from the use of calcium peroxid in the treatment of enteritis in children, given in daily amounts of from three to nine grains, in divided doses, in milk. It parts with its oxygen slowly in the alimentary canal, and so acts as a disinfectant, while the calcium exerts an antiacid effect in the stomach.

The "Gazzetta Medica Lombarda" cites from the "Clinica Moderna" the following :

℞ Aq. Dest.....	900 grains
Tannigen.....	9 grains
Lactic Acid.....	30 grains
Syr. Simp.....	450 grains

M. Sig.—A coffeespoonful before each nursing. Sterilized milk may be given also.

Indications—Used in inflammation of the bowels of nurslings.

No. 394.

HEART STIMULANT.

The following is recommended by Ashby as a heart stimulant for a child :

℞ Spir. Etheris Comp.....	80 minims
Tinct. Nucis Vomicae.....	40 minims
Tinct. Lavandulae.....	80 minims
Aq. Cari, to make.....	4 drachms

M. Sig.—One tablespoonful every three or four hours for a child of eight to twelve years old.

No. 395.

SCORBUTUS.

SCURVY.

An infant of nine and one-half months, fed partly on artificial food and partly at the breast, became pale, thin, cachectic; there was abundant sweating and constipation. A search revealed a subperiosteal hæmatoma of the femur and swelling of the gums with ecchymosis. Comby changed the feeding to fresh boiled milk with the addition of three teaspoonfuls of raisin juice a day. In a week there was noticeable improvement, and at the end of a month cure was complete. Dalche uses purée of potato, straight milk and lemon juice for scurvy in infants over a year old.

No. 396.

PYLORIC STENOSIS IN INFANTS.

Saunders, "Archives of Pediatrics," states that medicinal and dietetic measures should always be first employed. The indications are as follows: (1) To overcome the violent pyloric contraction, such drugs as belladonna, bromides and chloral opiates should not be given, as they impair the motor function of the stomach. (2) To treat the secondary gastric irritation. The retained food should be washed out and the stomach rested by rectal feeding for one or more days. When food is again given by mouth, the stomach should be washed occasionally to remove a possible residuum of undigested food. (3) The diet should consist of food which forms no coagulum in the stomach. Whey, peptonized milk or a mixture of these is good. Cod-liver oil will sup-

ply fat, and cream may be gradually added. After nursing lay the infant on its right side. Small quantities of food should be given in order to prevent gastric dilatation. These measures failing, resort must be had to surgery.

No. 397.

DIABETES.

TREATMENT :

The following is recommended for diabetes in children by the "Traite Elm. de Clinique Therapeut." of Gaston Lyon :

- ℞ Antipyrin..... $\frac{1}{2}$ drachm
 Glycerin.....6 drachms
 Aquæ, to make.....4 ounces
- M. Sig.—One to four teaspoonfuls a day.
- ℞ Strychnine Sulph.....1-140 grain
 Sodium Arsenate.....1-70 grain
 Codein (Pure).....1-7 grain
 Quinin Valerianate, q. s. ad.
- M. Sig.—One to six pills, according to age or case.

No. 398.

ADENOPATHY.

TREATMENT :

The treatment of adenopathy tracheo-bronchitic in character, in children, according to abstract in "Amer. Medicine," must be prophylactic, pathogenic and symptomatic. The prophylactic treatment should be the same as for tuberculosis. If adenopathy is established efforts must be made to diminish it, or at least to hinder its increase. Two means are employed for this

purpose: revulsives and general treatment. The best revulsives are tincture of iodine applied locally, fly blisters and actual cautery applied to interscapular region.

The following is recommended to be applied locally:

℞ Potassii Iodidi..... $\frac{1}{4}$ drachm
 Ext. Conii..... $\frac{1}{4}$ drachm
 Adipis Benzoinatis..... $7\frac{1}{2}$ drachms

M. Ointment. Sig.—Apply locally with friction once daily.

And take internally the following:

℞ Potassii Iodidi.....75 grains
 Syr. Aurantii.....2 ounces
 Aq. Dest.....4 ounces

M. Sig.—One tablespoonful every morning.

No. 399.

MARASMUTH.

A withering or wasting away. Consumption of the whole body, affecting infants.

TREATMENT :

The following formula is recommended in the “N. E. Med. Mon.”:

℞ Oil Morrhue.....2 ounces
 Acaciæ.....4 drachms
 Ext. Pancreati.....2 drachms
 Aq. Menthæ Viridis.....2 ounces
 Aquæ, to make.....8 ounces

M. Sig.—One teaspoonful three times a day.

Indications—Used in tubercular, strumous and syphilitic infants. Contraindicated if digestion is disturbed.

No. 400.

FEVERS IN CHILDREN.

TREATMENT :

Dr. Love recommends the following combination :

℞	Acetanilid.....	30 grains
	Alcohol.....	3 drachms
	Glycerin.....	2 drachms
	Aq. Cinnamomi.....	3 drachms
	Syr. Tolu.....	1 ounce

M. Sig.— One to three teaspoonfuls, according to age, every two or three hours.

McGee states that there is frequently no need of reducing fevers in children, but when he does use an antipyretic of this group his preference is for phenacetin. He gives one to three grains to a child two to five years of age. According to Hare antipyrin is the safest, especially in treatment of the paroxysms of whooping cough. It may be given in divided doses of two or three grains daily for each year of the child's age. Phenacetin, however, is more useful as a sedative in the treatment of grip in children.

 No. 401.

**NEW METHOD OF EXTRACTING FOREIGN
BODIES FROM NASAL FOSSÆ IN
CHILDREN.**

Felizat related to the Surgical Society a method of extracting foreign bodies from the nose in children, which he has used for five years. He injects through the sound nostril a current of warm salt water at a moderate pressure which, returning by the posterior nares of the occluded nostril, forces the foreign body out, or at least allows of its being seized with forceps.

No. 402.

PHTHISIS IN CHILDREN.

TREATMENT :

Dunlison recommends the following combination for consumption in children :

R _y	Beechwood Creosote.....	45-120 minims
	Oil Wintergreen.....	9 minims
	Powd. Acaciæ.....	45 grains
	Glycerin.....	225 minims
	Cod-Liver Oil.....	5½ ounces

M. Sig.—One teaspoonful an hour after each meal.

No. 403.

INDIGESTION.

TREATMENT :

Norbury states that in indigestion of infants the use of mineral acids, bismuth and pepsin is well known, and also the use of lactopeptine, which has been commended by Smith, who attests its usefulness in these cases.

For several years we have used lactopeptine in the indigestion of infants; in fact, it is much of a routine treatment, and the results have always been highly satisfactory. Infants need it when indigestion is more or less chronic, and it will do valiant service in correcting the difficulties of digestion here encountered. In addition to medical care much attention must be given to the hygienic surroundings of the child, its bath, its outdoor life, its exercise, the water it drinks, and the quality and quantity of food taken.

No. 404.

CATARRHAL STOMATITIS.

CATARRHAL INFLAMMATION OF THE MOUTH.

TREATMENT :

Prof. Graham recommends the following prescription for local treatment in catarrhal inflammation of the mouths of infants :

℞ Sodii Boratis.....20 grains
Glycerini..... $\frac{1}{2}$ ounce
Aquæ, to make.....3 ounces

M. Sig.— Use as a mouth-wash.

This wash is often best used by grasping a pledget of cotton between the blades of forceps and swabbing the mouth with the solution.

No. 405.

MELÆNA NEONATORUM.

BLACK JAUNDICE OF INFANTS.

TREATMENT :

Sifert prescribes the following in the treatment of black jaundice in children :

℞ Etheris Acetici.....32 minims
Aq. Sacchari.....2 ounces

M. Sig.— One teaspoonful every four hours.

No. 406.

OPHTHALMIA NEONATORUM.

TREATMENT :

In the treatment of ophthalmia in the new-born, Reynolds says :

“If the disease is seen in its earliest stage, the stage

of irritation, a collyrium of the following composition may be used :

R _y	Borate of Sodium.....	10 grains
	Chloride of Sodium.....	3 grains
	Crystals of Carbolic Acid.....	$\frac{1}{4}$ grain
	Aq. Dest.....	1 ounce

“It is needless to say all collyria should be filtered before using. A drop of this should be instilled into the eye every half-hour. In those purulent forms where the discharge of pus is profuse at the time the treatment is begun, and where it is likely the disease is of gonorrhœal origin, the fluid for irrigation should be :

R	Chloride of Sodium.....	3 ounces
	Bichlor. of Mercury.....	4 grains
	Carbolic Acid.....	16 grains
	Aquæ.....	1 pint

“M. Sig.—To be dissolved and filtered.”

No. 407.

COLITIS.

INFLAMMATION OF THE COLON.

TREATMENT :

At a recent meeting of the Paris Society of Pediatrics M. Aviragnet expressed his preference for sodium sulphate over ipecac, calomel, and enemata in the treatment of the acute colitis of children. To children several years old he gives it to the amount of from two drachms and a half to three drachms and a half for the first day, in divided doses, and then from half a drachm to a drachm.

No. 408.

MALNUTRITION.

TREATMENT :

According to "Jour. Amer. Med. Asso." the combination of the yolk of egg and olive or cotton-seed oil made into an emulsion is found very useful in cases of rickets or malnutrition in infants. The emulsion may be made as follows :

℞ Oil Olive.....	3 drachms
Glycerini.....	$\frac{1}{2}$ drachm
Yolk of.....	2 eggs

M. Sig.—Make an emulsion and add one-half minim of creosote to each drachm. Occasionally it is better to use a smaller amount of creosote when the agent is not well borne by the stomach. A full teaspoonful of the emulsion is given three times a day after feeding. The preparation seems to be readily tolerated, even when the stomach is irritable.

No. 409.

CARDIAC DROPSY.

DROPSY FROM WEAK HEART.

TREATMENT :

According to Ashby and Wright the following combination is very useful in the treatment of cardiac dropsy in a child :

℞ Potassii Iodidi.....	2 grains
Tinct. Scillæ.....	1 minim
Tinct. Strophanthi.....	1 minim
Spir. Chloroformi.....	1 minim
Aq. Dest., to make.....	$\frac{1}{2}$ ounce

M. Sig.—At one dose three times a day, for a child of eight to ten years.

No. 410.

SLEEPLESSNESS DURING INFECTIOUS DISEASES.**TREATMENT :**

The following is a useful hypnotic mixture for children during infectious diseases :

R̄	Chloralamid.....	15 grains
	Liq. Ammonii Acet.....	4 drachms
	Syr. Simp.....	1 ounce
	Aquæ, to make.....	2 ounces

M. Sig.—One teaspoonful every four hours for a child of three years.

No. 411.

DIGESTIVE INFECTIONS IN INFANTS AT THE BREAST.**TREATMENT :**

Schoull recommends the following :

R̄	Benzo-Naphthol.....	cgm. 0.30–0.50
	Cretæ Præparat.....	gm. 1–1½
	Bismuthi Sub-nit.....	gm. 1–1½
	Mucil. Acac.....	gm. 60
	Elix. Paregoric.....	gtt. 6–12

M. Sig.—Shake and give a teaspoonful every hour, decreasing as improvement occurs.

No. 412.

INFANTILE CEREBRAL PARALYSIS.**TREATMENT :**

Huhner gives the following indications for treatment: To maintain nutrition, by means of massage and electricity; and to correct deformity, by surgical

and mechanical measures. The greatest good is derived from tenotomy. Hemiplegia and paraplegia are more benefited by this procedure than diplegia. Not only is the deformity corrected, but the mental condition is improved. Some retention apparatus should be applied after the operation.

NO. 413.

TRISMUS.

LOCK-JAW.

TREATMENT :

The following combination for lock-jaw in infants is recommended in "N. E. Med. Mon.":

℞ Chloralis.....8 grains
Potassii Bromidi.....8 grains
Mucilaginis Acaciæ.....4 drachms
Aquæ, to make.....2 ounces

M. Sig.—Teaspoonful in a little water every hour until spasm is relieved.

Indications—For infant several days old.

NO. 414.

THE ADMINISTRATION OF QUININE TO CHILDREN.

The following prescriptions are cited by the "Revue Medecale" from an analytical article by Dr. Lemanski in the "Bulletin de l' Hospital de Tunis." Petzold gives quinine in honey dissolved in acidulated water, as :

℞ Quinine Sulphatis 10 grains
Acidulated Water.....75 minims
White Honey.....600 grains

M. Sig.—A coffeespoonful every two or three hours.

Creupsy's prescription is :

R̄ Aq. Dest. 600 minims
 Ext. Licorice. 45 grains
 Quinine Hydrochlor. $4\frac{1}{2}$ grains

M. Sig.—A child usually makes no difficulty in swallowing the whole of this at one time.

A recent number of the "Klinische Therapeutische Wochenschrift" gave the following :

R̄ Quinine Sulph. 60 grains
 Citric Acid. 50 minims
 Syr. Simp. 50 minims
 Syr. Bitter Orange Peel. 50 minims
 Aq. Dest. 300 minims

M. Sig.—Ten drops of this mixture are given in an ounce and a half of water, to which has been added 45 grains of sodium bicarbonate. The mixture is drunk while effervescing. Saccharine may also be used advantageously to mask the taste of quinine.

Dr. Lemanski himself prefers the rectal method of administration. The suppository is better tolerated than the enema and causes no smarting on defecation :

R̄ Quinine Sulph. $1\frac{1}{2}$ — $7\frac{1}{2}$ grains
 Cacao Butter. 15—45 grains
 Virgin Wax, q. s. ad.

M. Sig.—One suppository according to age.

In some cases the cacao butter may be replaced by glycerin solidified by the addition of gelatin. Two suppositories daily are to be inserted without regard to the thermometrical exacerbation, the object being to saturate the economy with the drug for a sufficiently long time to combat the paludism.

NO. 415.

HEART DISEASE IN CHILDREN

TREATMENT :

Weill, in "Revue de Therapeutique Medico-Chirurgicale," first refers to congenital lesions in which we are

utterly unable to do any material good; but in acute endocarditis in which there is danger of the development of severe valvular lesions, preventative medicine can do much. The endo-pericarditis of rheumatism is affected little if at all by the salicylates, yet it is in rheumatism that these lesions most frequently occur. In typhoid fever with a tendency to heart disease the cold bath is exceedingly efficacious as a prophylactic against cardiac lesion. Antidiphtheritic serum is to be used in diphtheria.

He thinks that salicylate of sodium is of little avail as a direct remedy in rheumatism of the heart, but its use shortens the attack and is thereby of value. It is well borne by children, and rarely produces vomiting, vertigo, or roaring in the ears if given in the dose of 7 grains a day in the first year of life, 15 to 30 grains up to the third year, and 40 to 70 grains at ten years. The diet should also be carefully attended to. Milk, soups, and absolute rest are to be resorted to, the heart quieted if necessary by the use of small doses of bromide of potassium and digitalis, and insomnia, if marked, combated by sulphonal or trional.

After a valvular lesion has become chronic it is necessary to improve the condition of the heart muscles by nutritious diet. The patient must be continually in the fresh air. Rubbing must be resorted to to improve the peripheral circulation, and gymnastics with Swedish movements and hydrotherapy employed. Care must be taken to exercise all the muscles of the body, but not to tire them, and violent exercise must be absolutely prohibited. Such games, for example, as football and tennis, and long walks are not to be permitted. Bicycle riding may be utilized in moderation, but great fatigue must not be allowed.

Regular hours must be insisted upon for meals and retiring. Severe mental work ought also be prohibited. In paroxysmal dyspnœa coming on in heart disease ab-

solute rest, counter-irritation in the form of a mustard plaster over the pericardium, and the administration of diffusible spirits are to be resorted to. Subcutaneous injections of camphor, caffenin and ether are useful, and inhalations of oxygen and nitrate of amyl may be used.

Should great cardiac excitement be present digitalis or caffenin may be needed. If cough is present the administration of sedative substances, such as iodid of ethyl, pyridin, antipyrin and bromoform may be given. The caffenin may be given in the dose of 1 to 2 grains a day to a child of from two to five years, and 4 to 7 grains a day to a child of from seven to fourteen years.

NO. 416.

JAUNDICE.

TREATMENT:

The following is recommended for jaundice in the new-born:

R Magnesia.....10 grains

M. Sig.—At one dose in teaspoonful of tepid water.

Indications — Used in simple jaundice of new-born.

R Aristolis.....2 drachms

M. Sig.—Use as dressing powder over umbilicus after antiseptic wash has been used.

Indications — Used in jaundice with inflammation of umbilical vein in the new-born.

NO. 417.

ANGINA.

A disease attended by a sense of suffocation, or by sore throat.

TREATMENT :

The following is recommended for infantile angina :

R	Acidi Carbolicæ.....	15 grains
	Glycerin.....	1½ ounces
	Oil Thymi.....	2 drops
	Aquæ.....	1 pint

M. Sig.—For irrigation of pharynx (throat).

No. 418.

CAPILLARY STASIS.

A stagnating or settling of blood in a place or part ; sluggish circulation of the blood.

TREATMENT :

According to a Medical and Surgical Reporter the more experience a physician has in the treatment of children, the more fully he becomes convinced that belladonna is essential to his success. The dose must be small, as children are very susceptible to the influence of this drug. In summer diseases of children cases are frequently seen showing marked dullness of the eyes, dilated pupils, with an almost resistless desire to sleep. Belladonna is a specific for this condition, and no other remedy can fill its place.

R	Belladonna, Fl.....	5 drops
	Aquæ.....	4 ounces

M. Sig.—One teaspoonful every hour.

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